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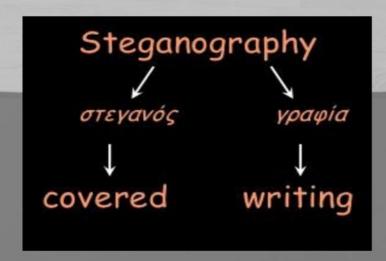
2.G.B.S.Y.Vasudeva Rao 17A81A0516

3. S. Mani Kumar 17A81A0539 4. P.Manasa 17A81A0506

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#### **STEGANOGRAPHY**



Steganography is the art of hiding information in ways that prevent the detection of hidden messages.

It includes a vast array of secret communications methods that conceal the message's very existence.

In digital steganography, electronic communications may include steganographic coding inside of a transport layer, such as a document file, image file, program or protocol.

Media files are ideal for steganographic transmission because of their large size.

For example, a sender might start with an innocuous image file and adjust the color of every hundredth pixel to correspond to a letter in the alphabet. The change is so subtle that someone who is not specifically looking for it is unlikely to notice the change.

#### **TECHNIQUES**

#### 1. PHYSICAL

- . Invisible ink
- .Tattoo message on head

- . Overwrite select characters in printed type in pencil
- . Pin punctures
- . Microdots
- . Newspaper clippings, Knitting instructions, XOXO signatures, report cards



#### 2. DIGITAL MESSAGES

Modern steganography entered the world in 1985 with the advent of personal computers being applied to classical steganography problems

- .Concealing messages within the lowest bits of noisy images or sound files.
- . Concealing data within encrypted data or within random data.
- .Changing the order of elements in a set
- . Modifying the echo of a sound file.

Image of a tree with a steganographically hidden image.

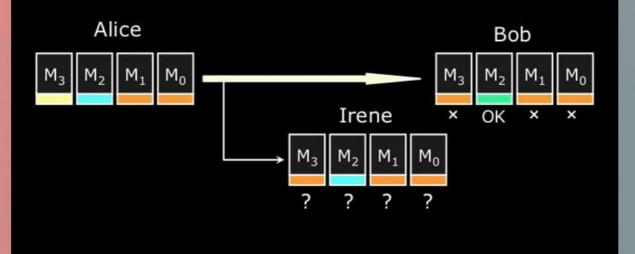
The hidden image is revealed by removing all but the two
least significant bits of eachcolor component and a
subsequent normalization. The hidden image is shown



#### 3. CHAFFING AND WINNOWING

### Chaffing & Winnowing

- Separate good messages from the bad ones
- · Stream of unencoded messages with signatures
  - Some signatures are bogus
  - Need key to test



#### 4. NULL CIPHER

- .Hide message among irrelevant data
- . Confuse the crypto analyst

Big rumble in New Guinea.
The war on
celebrity acts should end soon.
Over four
big ecstatic elephants replicated.

Bring two cases of beer.

U.S. Menufactured and Distributed by THE TOWER OPTICAL COMPANY, INC. (P.O. See 251 South Normals, CT SEEN)

#### 5. NETWORK STEGANOGRAPHY

Contrary to typical steganographic methods that use digital media (images, audio and video files) to hide data, network steganography uses communication protocols' control elements and their intrinsic functionality. As a result, such methods can be harder to detect and eliminate.

#### 6. CYBER PHYSICAL SYSTEMS

Specific techniques hide data in CPS components. For instance, data can be stored in unused registers of IoT/CPS components and in the states of IoT /CPS actuators

#### 7. PRINTED

Some types of modern color laser printers integrate the model, serial number and timestamps on each printout for traceability reasons using a dot-matrix code made of small, yellow dots not recognizable to the naked eye

### auf d auf d Testa Testa

Yellow dots from a laser printer

Machine ID codes in laser printers



The other techniques include video, audio, UV watermarking, text.

#### DETECTION

- . Comparing them with previous files
- . All files on suspect file system can be hashed using a hash function and then compared to hash table.
- . A steganography tool can be used to camouflage the secret message in the least

significant bits but it can introduce a random area that is too perfect. This area of perfect randomization stands out and can be detected by comparing the least significant bits to the next-to-least significant bits on image that hasn't been compressed.

#### **APPLICATIONS**

- . Used in modern printers
- . Allegedly used by terrorists
- . Alleged use by intelligence services
- . Digital watermarking
- . Distributed steganography
- . Online challenge

BY

**N.V.Sri Lalitha** 

17A81A0530

#### How to build a Neural Network with Keras

Keras is one of the most popular Deep Learning libraries out there at the moment and made a big contribution to the commoditization of artificial intelligence. It is simple to use and it enables you to build powerful Neural Networks in just a few lines of code. In this post, you will discover how you can build a Neural Network with Keras that predicts the sentiment of user reviews by categorizing them into two categories: positive or negative. This is called Sentiment Analysis and we will do it with the famous imdb review dataset. The model we will build can also be applied to other Machine Learning problems with just a few changes.

Note that we will not go into the details of Keras or Deep Learning. This post is intended to provide you with a blueprint of a Keras Neural Network and to make you familiar with its implementation.

#### **Table of Contents:**

- What is Keras?
- What is Sentiment Analysis?
- The imdb Dataset
- Import Dependencies and get the Data
- Exploring the Data
- Data Preparation
- Building and Training the Model

#### What is Keras?

Keras is an open source python library that enables you to easily build Neural Networks. The library is capable of running on top of TensorFlow, Microsoft Cognitive Toolkit, Theano, and MXNet. Tensorflow and Theano are the most used numerical platforms in Python to build Deep Learning algorithms but they can be quite complex and difficult to use. In comparison, Keras provides an easy and convenient way to build deep learning models. It's creator François Chollet developed it to enable people to build Neural Networks as fast and easy as possible. He laid his focus on extensibility, modularity, minimalism and the support of python. Keras can be used with GPUs and CPUs and it supports both Python 2 and 3. Google Keras made a big contribution to the commoditization of deep learning and artificial intelligence since it has commoditized powerful, modern Deep Learning algorithms that previously were not only inaccessible but also unusable as well.

#### What is Sentiment Analysis?

With Sentiment Analysis, we want to determine the attitude (e.g the sentiment) of for example a speaker or writer

with respect to a document, interaction, or event. Therefore it is a natural language processing problem where text needs to be understood, to predict the underlying intent. The sentiment is mostly categorized into positive, negative and neutral categories. With the use of Sentiment Analysis, we want to predict for example a customers opinion and attitude about a product based on a review he wrote about it. Because of that, Sentiment Analysis is widely applied to things like reviews, surveys, documents and much more.

#### The imdb Dataset

The imdb sentiment classification dataset consists of 50,000 movie reviews from imdb users that are labeled as either positive (1) or negative (0). The reviews are preprocessed and each one is encoded as a sequence of word indexes in the form of integers. The words within the reviews are indexed by their overall frequency within the dataset. For example, the integer "2" encodes the second most frequent word in the data. The 50,000 reviews are split into 25,000 for training and 25,000 for testing. The dataset was created by researchers of the Stanford University and published in a paper in 2011, where they achieved 88.89% accuracy. It was also used within the "Bag of Words Meets Bags of Popcorn" Kaggle competition in 2011.

Import Dependencies and get the Data

We start by importing the required dependencies to preprocess our data and to build our model.

%matplotlib inline

import matplotlib

import matplotlib.pyplot as plt

import numpy as np

from keras.utils import to\_categorical

from keras import models

from keras import layers

We continue with downloading the imdb dataset, which is fortunately already built into Keras. Since we don't want to have a 50/50 train test split, we will immediately merge the data into data and targets after downloading, so that we can do an 80/20 split later on.

from keras.datasets import imdb

(training\_data, training\_targets), (testing\_data, testing\_targets) = imdb.load\_data(num\_words=10000)

data = np.concatenate((training\_data, testing\_data), axis=0)

targets = np.concatenate((training\_targets, testing\_targets), axis=0) **Exploring the Data** Now we can start exploring the dataset: print("Categories:", np.unique(targets)) print("Number of unique words:", len(np.unique(np.hstack(data)))) Categories: [0 1] Number of unique words: 9998 length = [len(i) for i in data] print("Average Review length:", np.mean(length)) print("Standard Deviation:", round(np.std(length))) Average Review length: 234.75892 Standard Deviation: 173.0 You can see in the output above that the dataset is labeled into two categories, either 0 or 1, which represents the sentiment of the review. The whole dataset contains 9998 unique words and the average review length is 234 words, with a standard deviation of 173 words. Now we will look at a single training example: print("Label:", targets[0]) Label: 1

#### print(data[0])

[1, 14, 22, 16, 43, 530, 973, 1622, 1385, 65, 458, 4468, 66, 3941, 4, 173, 36, 256, 5, 25, 100, 43, 838, 112, 50, 670, 2, 9, 35, 480, 284, 5, 150, 4, 172, 112, 167, 2, 336, 385, 39, 4, 172, 4536, 1111, 17, 546, 38, 13, 447, 4, 192, 50, 16, 6, 147, 2025, 19, 14, 22, 4, 1920, 4613, 469, 4, 22, 71, 87, 12, 16, 43, 530, 38, 76, 15, 13, 1247, 4, 22, 17, 515, 17, 12, 16, 626, 18, 2, 5, 62, 386, 12, 8, 316, 8, 106, 5, 4, 2223, 5244, 16, 480, 66, 3785, 33, 4, 130, 12, 16, 38, 619, 5, 25, 124, 51, 36, 135, 48, 25, 1415, 33, 6, 22, 12, 215, 28, 77, 52, 5, 14, 407, 16, 82, 2, 8, 4, 107, 117, 5952, 15, 256, 4, 2, 7, 3766, 5, 723, 36, 71, 43, 530, 476, 26, 400, 317, 46, 7, 4, 2, 1029, 13, 104, 88, 4, 381, 15, 297, 98, 32, 2071, 56, 26, 141, 6, 194, 7486, 18, 4, 226, 22, 21, 134, 476, 26, 480, 5, 144, 30, 5535, 18, 51, 36, 28, 224, 92, 25, 104, 4, 226, 65, 16, 38, 1334, 88, 12, 16, 283, 5, 16, 4472, 113, 103, 32, 15, 16, 5345, 19, 178, 32]

Above you see the first review of the dataset which is labeled as positive (1). The code below retrieves the dictionary mapping word indices back into the original words so that we can read them. It replaces every unknown word with a "#". It does this by using the get\_word\_index() function.

```
index = imdb.get_word_index()
reverse_index = dict([(value, key) for (key, value) in index.items()])
decoded = " ".join( [reverse_index.get(i - 3, "#") for i in data[0]] )
print(decoded)
```

# this film was just brilliant casting location scenery story direction everyone's really suited the part they played and you could just imagine being there robert # is an amazing actor and now the same being director # father came from the same scottish island as myself so i loved the fact there was a real connection with this film the witty remarks throughout the film were great it was just brilliant so much that i bought the film as soon as it was released for # and would recommend it to everyone to watch and the fly fishing was amazing really cried at the end it was so sad and you know what they say if you cry at a film it must have been good and this definitely was also # to the two little boy's that played the # of norman and paul they were just brilliant children are often left out of the # list i think because the stars that play them all grown up are such a big profile for the whole film but these children are amazing and should be praised for what they have done don't you think the whole story was so lovely because it was true and was someone's life after all that was shared with us all

**Data Preparation** 

Now it is time to prepare our data. We will vectorize every review and fill it with zeros so that it contains exactly

10,000 numbers. That means we fill every review that is shorter than 10,000 with zeros. We do this because the biggest review is nearly that long and every input for our neural network needs to have the same size. We also transform the targets into floats.

def vectorize(sequences, dimension = 10000):

results = np.zeros((len(sequences), dimension))

for i, sequence in enumerate(sequences):

results[i, sequence] = 1

return results

data = vectorize(data)

targets = np.array(targets).astype("float32")

Now we split our data into a training and a testing set. The training set will contain 40,000 reviews and the testing set 10,000.

test\_x = data[:10000]

test\_y = targets[:10000]

train\_x = data[10000:]

train\_y = targets[10000:]

**Building and Training the Model** 

We can now build our simple Neural Network. We start by defining the type of model we want to build. There are two types of models available in Keras: the Sequential model and the Model class used with functional API.

Then we simply add the input-, hidden- and output-layers. Between them, we are using dropout to prevent overfitting. Note that you should always use a dropout rate between 20% and 50%. At every layer, we use "Dense" which means that the units are fully connected. Within the hidden-layers, we use the relu function, because this is always a good start and yields a satisfactory result most of the time. Feel free to experiment with

other activation functions. And at the output-layer, we use the sigmoid function, which maps the values between 0 and 1. Note that we set the input-shape to 10,000 at the input-layer, because our reviews are 10,000 integers long. The input-layer takes 10,000 as input and outputs it with a shape of 50.

Lastly, we let Keras print a summary of the model we have just built.

```
# Input - Layer

model.add(layers.Dense(50, activation = "relu", input_shape=(10000, )))

# Hidden - Layers

model.add(layers.Dropout(0.3, noise_shape=None, seed=None))

model.add(layers.Dense(50, activation = "relu")

model.add(layers.Dropout(0.2, noise_shape=None, seed=None))

model.add(layers.Dense(50, activation = "relu"))

# Output- Layer

model.add(layers.Dense(1, activation = "sigmoid"))model.summary()

model.summary()
```

Layer (type)	output Snape	Param #	
dense_1 (Dense)	(None, 50)	500050	
dropout_1 (Dropout)	(None, 50)	0	
dense_2 (Dense)	(None, 50)	2550	

Total params: 505,201

Trainable params: 505,201

Non-trainable params: 0

Now we need to compile our model, which is nothing but configuring the model for training. We use the "adam" optimizer. The optimizer is the algorithm that changes the weights and biases during training. We also choose binary-crossentropy as loss (because we deal with binary classification) and accuracy as our evaluation metric.

```
model.compile(

optimizer = "adam",

loss = "binary_crossentropy",

metrics = ["accuracy"]
```

We are now able to train our model. We do this with a batch\_size of 500 and only for two epochs because I recognized that the model overfits if we train it longer. The Batch size defines the number of samples that will be propagated through the network and an epoch is an iteration over the entire training data. In general a larger batch-size results in faster training, but don't always converges fast. A smaller batch-size is slower in training but it can converge faster. This is definitely problem dependent and you need to try out a few different values. If you start with a problem for the first time, I would you recommend to you to first use a batch-size of 32, which is the standard size.

```
results = model.fit(
train_x, train_y,
epochs= 2,
batch_size = 500,
validation_data = (test_x, test_y)
Train on 40000 samples, validate on 10000 samples
Epoch 1/2
val acc: 0.8945
Epoch 2/2
val acc: 0.8950
It is time to evaluate our model:
print(np.mean(results.history["val_acc"]))
0.894750000536
Awesome! With this simple model, we already beat the accuracy of the 2011 paper that I mentioned in the
beginning. Feel free to experiment with the hyperparameters and the number of layers. You can see the code for
the whole model below:
```

```
import numpy as np
from keras.utils import to_categorical
from keras import models
from keras import layers
from keras.datasets import imdb
(training_data, training_targets), (testing_data, testing_targets) = imdb.load_data(num_words=10000)
data = np.concatenate((training_data, testing_data), axis=0)
targets = np.concatenate((training_targets, testing_targets), axis=0)
def vectorize(sequences, dimension = 10000):
results = np.zeros((len(sequences), dimension))
for i, sequence in enumerate(sequences):
results[i, sequence] = 1
return results
data = vectorize(data)
targets = np.array(targets).astype("float32")
test_x = data[:10000]
test_y = targets[:10000]
train_x = data[10000:]
train_y = targets[10000:]
model = models.Sequential()
# Input - Layer
model.add(layers.Dense(50, activation = "relu", input_shape=(10000, )))
```

```
# Hidden - Layers
model.add(layers.Dropout(0.3, noise_shape=None, seed=None))
model.add(layers.Dense(50, activation = "relu"))
model.add(layers.Dropout(0.2, noise_shape=None, seed=None))
model.add(layers.Dense(50, activation = "relu"))
# Output- Layer
model.add(layers.Dense(1, activation = "sigmoid"))
model.summary()
# compiling the model
model.compile(
optimizer = "adam",
loss = "binary_crossentropy",
metrics = ["accuracy"]
results = model.fit(
train_x, train_y,
epochs= 2,
batch_size = 500,
validation_data = (test_x, test_y)
print("Test-Accuracy:", np.mean(results.history["val_acc"]))
                                                                                        BY
                                                                               A.N.V.Vamsi Krishna
                                                                                    17A81A0501
```

### Details of Faculty attended FDPs, Workshops, Seminars, Conference etc., outside the college as well as in the college: 06

S.No	Name and Designation of the Faculty	Name of Workshop/Seminar/ FDP/SDP Attended	Location	No. Of Days	From Date	To Date
1	O .Sri Nagesh	Improving Teaching skills in the subject python programming	JNTUK Kakinada	06	27-05- 2019	01-06- 2019
2	M.Vamsi krishna	Improving Teaching skills in the subject python programming	JNTUK Kakinada	06	27-05- 2019	01-06- 2019
3	A leelavathi	Big Data Computing	NIT, AP	06	29-05- 2019	04-05- 2019
4	A.Rajesh	Big Data Computing	NIT, AP	06	29-05- 2019	04-05- 2019
5	N.Hiranmayi	Big Data Computing	NIT, AP	06	29-05- 2019	04-05- 2019
6	B.Sri Ramya	Big Data Computing	NIT, AP	06	29-05- 2019	04-05- 2019

#### **Important Visitors to the Department: 04**

S.No	Name of Eminent Guest	Organization	Date(s) of Visit
1.	Dr.A.Krishna Mohan	Professor, CSE, JNTUK	20.04.2019
2.	Dr. R.B.V. Subramaanyam	Professor, CSE, NITW	20.04.2019
3.	Dr. S. PallamSetty	Professor, CSE, AU	20.04.2019
4.	Mr.SrinivasaRajuVuppalapati	Director, Alykas Innovations Pvt.Ltd	20.04.2019
5.	Mr.EedalaRambabu	Alumni, Member of Technical Staff 2,Micro Focus	20.04.2019

#### **Student Achievements**

#### a. Internships

	S. No	Name	RegdNo	Title	Name Of The Industry	Duration	
	1	P.Tarun Kumar	15A81A0538	Autocad plugin development	nCircle Tech Pvt.Ltd., A ProtoTech Solutions	11-02-2019 To 31-05-2019	
	2	Manepalli.Arunadevi	15A81A0529	Embedded Systems	Vaya group, Hyderabad	3-12-2018 To 31-5-2019	
	3	M.Divya Prasanna	16A81A05K9				
	4	S.L Keerthi	16A81A05M5				
	5	V.Maha Lakshmi	16A81A05N5				
	6	A. Pavani	16A81A05I1	Machine		4-05-2019	
	7	B. VenuDaneswari	16A81A05I4	Learning with	Pivotal Soft Pvt	To	
	8	P.Madhu Annapurna	16A81A05L8	Python	Ltd, Visakhapatnam	4-06-2019	
	9	V.C.V.L Mounika	16A81A05N3	•	•	The Theodology of the Control of the	
	10	V.Navya Srilatha	16A81A05N4				
	11	Shaik Sabeen	16A81A05M9				
	12	V. Rama Leela Sai	16A81A05N6				
	13	N. Devi kataksham	16A81A05L0				
1	14	G.Roja Rani	17A85A0502			13-05-2019	
	15	P. Valli	17A85A0504	IOT	ORL industries	То	
	16	P. Sravani	16A81A05L9			15-06-2019	
	17	K.Krishna Vamsi Sai	16A81A05J6	Web Design	Kate Technologies,Hyd	16-05-2019 T0 18-06-2019	
	18	A.Manikanta	16MU1A0525	Android	Pivotal Soft Pvt Ltd,Visakhapatnam	4-05-2019 To 4-06-2019	
	19	K.Satya Sri	16A81A05J7	Web Design	Miracle Software Systems	13-05-2019 To 14-06-2019	
	20	S. Harshini Sai	16A81A05M4			13-05-2019	
	21	K.P.S Sireesha	17A85A0505	IOT	Mad blocks	То	
	22	T.Karishma Reddy	16A81A05N1		Technologies Pvt Ltd	13-06-2019	
	23	Y . Mounika Lakshmi	16A81A0559	IOT & Robotics			

24	P. Kanyaka Alekya	17A81A0594	Recruitment Interview Scheduling App	Miracle Software Systems	13-05-2019 To
25	E. Hema Latha	16A81A05D2	Conference Room Booking and Status App		14-06-2019
26	Amisetti Vamsi Krishna	17A81A0501	Marketing	MYCAPTAIN	25-10-2018 to 31-11-2018

b.The following list of students completed the APSSDC –Gamification workshop, from 16.05.2019 to 31.05.2019.

300		
S.No	Reg. Number	Name of the Student
1	17A81A0501	A N V Vamsi Krishna
2	17A81A0503	BALAGAM SWATHI
3	17A81A0513	GANGULA VENKATA LAKSHMI TULASI
4	17A81A0524	KUCHIBHOTLA SRI SATYA SRAVYA
5	17A81A0543	SIMHADRI TEJA SRI
6	17A81A0557	BALUSU LAVANYA
7	17A81A0566	GODAVARTHI BHARGAVI
8	17A81A0572	JUVVALAPALEPU PRAMEELA
9	17A81A0579	KUNIREDDY DEVI SAI DURGA
10	17A81A0590	PANDIRIPALLI MANJUSHA
11	17A81A0594	PEDAMALLU KANYAKA ALEKYA
12	17A81A05B3	AdabalaSatish
13	17A81A05C4	Chukka Shyam Kumar
14	17A81A05E5	N Teja Kiran
15	17A81A05F4	R Sai Kiran
16	17A81A05F6	B Utthej Kumar
17	17A81A05F9	M V D S Vardhan
18	17A81A05I7	KANCHERLA SAHITHI CHANDRA TEJASWINI
19	17A81A05L4	VEMULA PAVANI SIVA PRATHYUSHA
20	17A81A05L5	VISHNUMOLAKALA BADARINADH
21	17A81A05K4	PULLURI ADILAKSHMI
22	17A81A05H8	CHITTURI LATHA SRAVANI
23	17A81A05H3	BHOGARAJU L N LALITHA PRABHA
24	17A81A05G9	ATYAM N V S S S L RAMYA

25	17A81A05I5	JAKKI PRAGATHISREE
26	17A81A05H6	CHALLA VENKATA SAI RAM
27	17A81A0516	GOTETI B S Y VASUDEVA RAO
28	17A81A05H4	BOLLAM RENUKA VENKATA PRIYANKA

#### c. NPTEL Certified Students List (Jan-April-2019 Session)

S.No.	Roll Number	Name of the student	Course Name	Certificate
				Туре
1	17A81A0595	BhavaniPosimsetty	Programming in Java	Successfully completed
2	17A81A0598	Reddy Akanksha		Elite+Silver
3	17A81A0594	PedamalluKanyakaAlekya		Successfully
	1,110111007	1 Community and 10 kg a		completed
4	17A81A05F4	RayabarapuSaikiran		Elite+Silver
5	17A81A05G7	Sri BhavaniYallavula		Elite+gold
6	17A81A05C5	DamisettiDeepika Naga Ratnam		Elite+gold
7	17A81A05I4	ChaitanyaIndugula	Programming, Data Structures and Algorithms using Python	Elite
8	16A81A05F4	Kommuri Naga SrideviDivya	Data Mining	Elite
9	16A81A0543	SnehithaPenugonda		Successfully completed
10	16A81A0534	MandapakaPavan Kumar		Elite
11	16A81A0539	P Salma Begum		Successfully completed
12	16A81A0533	Surendra Reddy		Successfully completed
13	16A81A0555	SwethaKiranmayi		Successfully completed
14	16A81A0520	ViswaSaiKarpurapu		Successfully completed
15	16A81A05C6	B.V.L.R.Anjali		Elite
16	16A81A05C2	B. Devi Surekha		Elite
17	16A81A05F3	K.Sushmakumari		Successfully completed
18	17A81A0501	Amisetti N V Vamsi Krishna	Introduction to Internet of Things	Elite

19	18A81D5302	PaletiJyothsnaSree	Big Data Computing	Successfully completed
20	18A81D5301	ChippadaNarayanaBhargav		Successfully completed
21	18A81D5303	PaturiManikantha		Successfully completed

#### NPTEL Certified Faculty List (Jan-April-2019 Session)

S.N	Name of the Faculty	Course	Certificate Type
0.			
1.	AnjaniSuputri Devi D	Compiler Design	Elite
2.	Praveen Kumar Nallabariki		Successfully Completed
3.	R.Vinupriya	Computer Architecture And	Elite
4.	KoradaRajaniKumar	Organisation	Successfully Completed
5.	LeelavathiArepalli	Problem Solving Through Programming	Elite
6.	MademNageswara Rao	In C	Elite
0.	Madellinageswara Rao	iii C	Eille
7.	V K Hanuman Turaga	Programming In Java	Elite+Silver
8.	Ch Raja Ramesh		Elite+Silver
9.	R Leele Phani Kumar		Elite+Silver
10.	Shirin Bhanu Koduri		Elite+Gold
11.	Nataraj Gudapaty		Elite
12.	Praneetha Pitta		Elite+Silver
13.	Rama Rajeswari Mulukutla		Successfully Completed
14.	VrpsSastryYadavilli	Programming, Data Structures And	Successfully Completed
15.	LakshminarayanaKondreddi	Algorithms Using Python	Elite
16.	SdSabirHussain		Successfully Completed
17.	A.Sirisha	Programming In C++	Successfully Completed
18.	M R Raja Ramesh	Data Base Management System	Elite+Silver
19.	Sukanya		Elite+Silver
20.	ItteLavanya		Elite+Silver
21.	Dr.D Jaya Kumari	Data Mining	Elite
22. Loshma Gunisetti			Elite+Silver
23.	AlamuruVenkannababu		Elite
24.	Sp.Malarvizhi		Elite+Silver
25.	PusuluruHariChandana		Elite
26.	D. SasiRekha	Real Time Operating System	Successfully Completed

	27.	Ch Raja Ramesh	Machine Learning	Successfully Completed
8	28.	KavidiVenkata Mutyalu		Successfully Completed
8	29.	KavidiVenkata Mutyalu	Social Networks	Successfully Completed
SECTION	30.	GokavarapuSriram Ganesh	Introduction To Automata, Languages And Computation	Elite+Silver

### Sayonara-2k19 conducted on 04.04.2019

#### **Placements**

Roll No.         Name of the Student         Company         CTC (LPA)           15A81A0501         ALLA LAKSHMI BHARGAVI         TCS CODE VITA         3.6 LPA           15A81A0528         MAJETY H V A SRI VYSHNAVI         TCS CODE VITA         3.6 LPA           15A81A0536         NEELAM PRUDHVINI SAI         THOTA NEERAJA         THOTA NEERAJA         THOTA NEERAJA         MPHASIS         1.8 LPA           15A81A0551         MADDAMSETTI LAKSHMI MOUNICA         MPHASIS         1.8 LPA           15A81A0514         KEDARISETTI DEEPIKA         MPHASIS         1.8 LPA           15A81A0536         NEELAM PRUDHVINI SAI         THOTA NEERAJA         THOTA NEERAJA         THOTA NEERAJA         THOTA NEERAJA         AINAMPUDI LAVANYA DEVI         KANDUKURI AKHILA         KANDUKURI AKHILA         KANDUKURI AKHILA         NAMIDALA PURNA VAMSI         DURGAPRIYA NOWBATHULA         PAILU KAVYA PRIYA         TSA81A0595         PAILU KAVYA PRIYA         SUREDDY KRISHNA SAI PHANI KUMAR         VANDANAPU LASYAPRIYA         VARDANAPU LASYAPRIYA         TSA81A0564         ALLAM SNEHA SRI SANDHYA         VARALAKSHMI MAHANTHI         SARIDE KARTHIK         SARIDE KARTHIK         SEELAM SOWJANYA         L&T TECHNOLOGY         4.0 LPA					
15A81A0528       MAJETY H V A SRI VYSHNAVI         15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A05C0       VUDDAGIRI INDUMATHI         15A81A05F1       MADDAMSETTI LAKSHMI MOUNICA         15A81A0514       KEDARISETTI DEEPIKA       MPHASIS         15A81A0517       KALLA SATYAVATHI         15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0565       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A0589       VANDANAPU LASYAPRIYA         15A81A0599       VANDANAPU LASYAPRIYA         15A81A0572       VARALAKSHMI MAHANTHI         15A81A0573       SARIDE KARTHIK         15A81A0574       SEELAM SOWJANYA	Roll No.	Name of the Student	Company	CTC (LPA)	
15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A05C0       VUDDAGIRI INDUMATHI         15A81A05F1       MADDAMSETTI LAKSHMI MOUNICA         15A81A0514       KEDARISETTI DEEPIKA         15A81A0517       KALLA SATYAVATHI         15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0501	ALLA LAKSHMI BHARGAVI	TCS CODE VITA	3.6 LPA	
15A81A0546       THOTA NEERAJA         15A81A05C0       VUDDAGIRI INDUMATHI         15A81A05F1       MADDAMSETTI LAKSHMI MOUNICA         15A81A0514       KEDARISETTI DEEPIKA       MPHASIS         15A81A0517       KALLA SATYAVATHI         15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A0584       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0528	MAJETY H V A SRI VYSHNAVI			
15A81A05C0         VUDDAGIRI INDUMATHI           15A81A05F1         MADDAMSETTI LAKSHMI MOUNICA           15A81A0514         KEDARISETTI DEEPIKA         MPHASIS           15A81A0517         KALLA SATYAVATHI         MPHASIS           15A81A0536         NEELAM PRUDHVINI SAI         MELAM PRUDHVINI SAI           15A81A0546         THOTA NEERAJA         MAMIDALA PURNA VANYA DEVI           15A81A0562         AINAMPUDI LAVANYA DEVI           15A81A0568         MAMIDALA PURNA VAMSI           15A81A0595         DURGAPRIYA NOWBATHULA           15A81A0597         PAILU KAVYA PRIYA           15A81A0584         SUREDDY KRISHNA SAI PHANI KUMAR           15A81A05B9         VANDANAPU LASYAPRIYA           15A81A05C4         ALLAM SNEHA SRI SANDHYA           15A81A05G8         SARIDE KARTHIK           15A81A05G8         SARIDE KARTHIK           15A81A05H0         SEELAM SOWJANYA	15A81A0536	NEELAM PRUDHVINI SAI			
15A81A05F1         MADDAMSETTI LAKSHMI MOUNICA           15A81A0514         KEDARISETTI DEEPIKA         MPHASIS           15A81A0517         KALLA SATYAVATHI           15A81A0536         NEELAM PRUDHVINI SAI           15A81A0546         THOTA NEERAJA           15A81A0562         AINAMPUDI LAVANYA DEVI           15A81A0576         KANDUKURI AKHILA           15A81A0588         MAMIDALA PURNA VAMSI           15A81A0595         DURGAPRIYA NOWBATHULA           15A81A0597         PAILU KAVYA PRIYA           15A81A0594         SUREDDY KRISHNA SAI PHANI KUMAR           15A81A05B9         VANDANAPU LASYAPRIYA           15A81A05C4         ALLAM SNEHA SRI SANDHYA           15A81A05G8         SARIDE KARTHIK           15A81A05H0         SEELAM SOWJANYA	15A81A0546	THOTA NEERAJA			
15A81A0514       KEDARISETTI DEEPIKA       MPHASIS       1.8 LPA         15A81A0517       KALLA SATYAVATHI       15A81A0536       NEELAM PRUDHVINI SAI         15A81A0536       THOTA NEERAJA       15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA       15A81A0588       MAMIDALA PURNA VAMSI         15A81A0585       DURGAPRIYA NOWBATHULA       15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A05C0	VUDDAGIRI INDUMATHI			
15A81A0517       KALLA SATYAVATHI         15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A05F1	MADDAMSETTI LAKSHMI MOUNICA			
15A81A0536       NEELAM PRUDHVINI SAI         15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A0584       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0514	KEDARISETTI DEEPIKA	MPHASIS	1.8 LPA	
15A81A0546       THOTA NEERAJA         15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0517	KALLA SATYAVATHI			
15A81A0562       AINAMPUDI LAVANYA DEVI         15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0536	NEELAM PRUDHVINI SAI			
15A81A0576       KANDUKURI AKHILA         15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA					
15A81A0588       MAMIDALA PURNA VAMSI         15A81A0595       DURGAPRIYA NOWBATHULA         15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A0562				
15A81A0595 DURGAPRIYA NOWBATHULA 15A81A0597 PAILU KAVYA PRIYA 15A81A05B4 SUREDDY KRISHNA SAI PHANI KUMAR 15A81A05B9 VANDANAPU LASYAPRIYA 15A81A05C4 ALLAM SNEHA SRI SANDHYA 15A81A05F2 VARALAKSHMI MAHANTHI 15A81A05G8 SARIDE KARTHIK 15A81A05H0 SEELAM SOWJANYA	15A81A0576	KANDUKURI AKHILA			
15A81A0597       PAILU KAVYA PRIYA         15A81A05B4       SUREDDY KRISHNA SAI PHANI KUMAR         15A81A05B9       VANDANAPU LASYAPRIYA         15A81A05C4       ALLAM SNEHA SRI SANDHYA         15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA		MAMIDALA PURNA VAMSI			
15A81A05B4 SUREDDY KRISHNA SAI PHANI KUMAR  15A81A05B9 VANDANAPU LASYAPRIYA  15A81A05C4 ALLAM SNEHA SRI SANDHYA  15A81A05F2 VARALAKSHMI MAHANTHI  15A81A05G8 SARIDE KARTHIK  15A81A05H0 SEELAM SOWJANYA		DURGAPRIYA NOWBATHULA			
KUMAR  15A81A05B9 VANDANAPU LASYAPRIYA  15A81A05C4 ALLAM SNEHA SRI SANDHYA  15A81A05F2 VARALAKSHMI MAHANTHI  15A81A05G8 SARIDE KARTHIK  15A81A05H0 SEELAM SOWJANYA					
15A81A05C4 ALLAM SNEHA SRI SANDHYA 15A81A05F2 VARALAKSHMI MAHANTHI 15A81A05G8 SARIDE KARTHIK 15A81A05H0 SEELAM SOWJANYA	15A81A05B4				
15A81A05F2       VARALAKSHMI MAHANTHI         15A81A05G8       SARIDE KARTHIK         15A81A05H0       SEELAM SOWJANYA	15A81A05B9	VANDANAPU LASYAPRIYA			
15A81A05G8 SARIDE KARTHIK 15A81A05H0 SEELAM SOWJANYA	15A81A05C4	ALLAM SNEHA SRI SANDHYA			
15A81A05H0 SEELAM SOWJANYA	15A81A05F2	VARALAKSHMI MAHANTHI			
	15A81A05G8	SARIDE KARTHIK			
15A81A0515 KALAVALAPALLI BHASKAR GANESH L&T TECHNOLOGY 4.0 LPA	15A81A05H0	SEELAM SOWJANYA			
	15A81A0515	KALAVALAPALLI BHASKAR GANESH	L&T TECHNOLOGY	4.0 LPA	

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15A81A0526	KOTHA SWATHI SRI SAI NAGA DURGA	SERVICES	
15A81A0552	VARANASI LAKSHMIMEGHANA		
15A81A0555	VELIGATLA SHAMITHA		
15A81A0565	ATMAKURI SAI RUCHITHA		
15A81A0573	GONTLA LAKSHMI INDIRA		
15A81A05A2	PENDYALA DURGA SUNEETHA		
15A81A05A6	SAMAYAMANTHULA J LAKSHMI SRI		
15A81A05C0	VUDDAGIRI INDUMATHI		
15A81A05D1	CHILUKURI LAKSHMI CHANDINI		
15A81A05D9	GRANDHI PRAGATHI RAO		
15A81A05F1	MADDAMSETTI LAKSHMI MOUNICA		
15A81A05F5	MUSUNURU BALA KRISHNA		
15A81A05J5	DONE RESHMA DHAR		
15A81A05K0	KARRI CHIRANJEEVI SAI ISWARYA		
15A81A05L3	MANGENA GIRI NAGA PAVAN KUMAR		
15A81A05M6	POSINA SASANKA		
15A81A05M8	SAJJA SAI KUMAR		
16A85A0503	KAVALA SAI RAMESH		
15A81A0510	GARLAPATI NAVYA	TCS NINJA	3.5 LPA
15A81A0547	TUMMALAPALLI SUPRIYA		
15A81A0554	V.VINEELA		
15A81A0555	VELIGATLA SHAMITHA		
15A81A0565	ATMAKURI SAI RUCHITHA		
15A81A0595	DURGAPRIYA NOWBATHULA		
15A81A0596	PADMANABHUNI MANIDEEP		
15A81A0597	PAILU KAVYA PRIYA		
15A81A05A1	PATCHIPULUSU A L SOWMYA SRI		
15A81A05D7	G.HEMALATHA		
15A81A05G2	YAMUNA PANCHADI		
15A81A05I0	Y.BHANUPRIYA		
15A81A05K9	KUSAM VENKATA ALEKHYA		
15A81A05M0	NARRA MOUNIKA		
15A81A0525	KOTHA NALINI VENKATA LAKSHMI	EFFTRONICS	3 - 7 LPA
		SYSTEMS PVT. LTD.,	
15A81A0538	TARUN KUMAR POLAVARAPU	PROTOTECH	2.80 LPA
		SOLUTIONS	

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15	5A81A0518	KANDRU NAGA MOUNIKA	OPSRAMP PVT. LTD.,	3.3 LPA
15	5A81A0550	VANNEMREDDY RAMA LAKSHMI		
15	5A81A0578	KATHARI SAI JOSHITHA		
15	5A81A0580	KODE SUBHASHINI		
15	A81A05F8	NEKKANTI VYSHNAVI		
15.	A81A05K1	KATTA VASAVI VIDYA SIREESHA		
15	5A81A0586	MADUPALLI JAYANTH	SNOVASYS	3.4 LPA
			SOFTWARE SOLUTIONS PVT.	
			LTD.,	
15	5A81A0506	CHALLA BALA SAI SRILEKHA	SYNTEL	3.0 LPA
	5A81A0510	GARLAPATI NAVYA	5111122	010 2211
	5A81A0518	KANDRU NAGA MOUNIKA		
15	5A81A0519	KANKATALA LAKSHMI VINEELA		
15	5A81A0527	L INDIRA PRAVALLIKA		
15	5A81A0529	MANEPALLI ANURUPADEVI		
15	5A81A0531	LIKHITHA MATHI		
15	5A81A0545	TELAGAMSETTI SUPRIYA		
15	5A81A0558	VIPPARTHI N K S MANJU SREE		
15	5A81A0569	DAGGU VENKATA NAVEEN		
15	5A81A0573	GONTLA LAKSHMI INDIRA		
15	5A81A0578	KATARI SAI JOSHITHA		
15	5A81A0580	KODE SUBHASHINI		
15	5A81A0599	PALURI SRI HARIKA		
100000	A81A05A6	JHANSI L S SAMAYAMANTHULA		
	A81A05B1	SRIPADA DIVYA SATYA SAI		
The state of the s	A81A05C3	ALLA NAGAVALLI DEVI		
00000	A81A05C9	BUDDANA SRAVYA TULASI		
	A81A05F8	NEKKANTI VYSHNAVI		
	A81A05G8	SARIDE KARTHIK		
	5A81A05I1	ADDANKI DIVYA		
100000	A81A05K0	KARRI CHIRANJEEVI SAI ISWARYA		
	6A85A0508	TAMMISETTI VIJAY SUNDAR	WANA CROUD	2.41704
	5A81A0529	MANEPALLI ANURUPADEVI	VAYA GROUP	2.4 LPA
	5A81A0550	VANNEMREDDY RAMA LAKSHMI		
	A81A05K1	KATTA VASAVI VIDYA SIREESHA	WIDDO	2.50 I DA
15	5A81A0505	CHALAMALASETTI JHANDINI	WIPRO	3.50 LPA

	15A81A0528	MAJETY H V A SRI VYSHNAVI		
	15A81A0536	NEELAM PRUDHVINI SAI		
	15A81A0540	RALLAPALLI MOUNICA		
	15A81A0547	TUMMALAPALLI SUPRIYA		
	15A81A0552	VARANASI LAKSHMIMEGHANA		
	15A81A0562	AINAMPUDI LAVANYA DEVI		
	15A81A0563	ALETI J VENKATA GOPI MANIKANTA		
	15A81A0576	K.AKHILA		
	15A81A0580	KODE SUBHASHINI		
	15A81A0581	KODI JYOTHIRMAI		
	15A81A0595	DURGAPRIYA NOWBATHULA		
	15A81A05A2	PENDYALA DURGA SUNEETHA		
	15A81A05B4	SUREDDY KRISHNA SAI PHANI		
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-	15A81A05B6	THANMAI SATYA SAI SRI LAKSHMI T		
	15A81A05C0	VUDDAGIRI INDUMATHI		
-	15A81A05F1	MADDAMSETTI LAKSHMI MOUNICA		
-	15A81A05G2	PANCHADI YAMUNA		
MO	15A81A05K0	KARRI CHIRANJEEVI SAI ISWARYA		
T-	15A81A05K1	KATTA VASAVI VIDYA SIREESHA		
	15A81A05K6	KORLEPARA L R SAI SWATHI SRI		
Ì	15A81A05K8	KURALLA NAGA LAKSHMI SUSMITHA CHALAMALASETTI JHANDINI	MACNAQUECE	20104
7	15A81A0505		MAGNAQUEST	3.0 LPA
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200	15A81A0525	KOTHA NALINI VENKATA LAKSHMI	INFOSYS	3.60 LPA
ŀ	15A81A0580	KODE SUBHASHINI	INFOSTS	5.00 LFA
13	15A81A05C5	ALLU RANI SRINIJA		
1	15A81A05E1			
-	15A81A05F8	NEKKANTI VYSHNAVI		
÷	15A81A05I1	ADDANKI DIVYA		
į	15A81A0563	ALETI J VENKATA GOPI MANIKANTA	CADDYCODE	2.40 LPA
i	15A81A0594	NANDURI NAGA VENKATA JAHNAVI	CADDICODE	2.40 LFA
2	15A81A05K7	KOTARU SOWJANYA		
· ·	15A81A0509	EDADASULA PARVATHI	CGI	3.30 LPA
1	15A81A0530	MANGENA LAKSHMI SUPRAJA	COI	3.50 LI A
1	13A61A0330	MANOENA LAKSIIVII SUFKAJA		

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	15A81A0543	TAMMISETTI VIJAYALAKSHMI		
	15A81A05E6	KORLEPARA SAI LAKSHMI PRASANNA		
	15A81A0523	KOMPELLA NAGASATYA	COGNIZANT	3.38 LPA
		PRAVALLIKA RAMYASRI		
	15A81A0532	MEESALA BALA DURGA		
	15A81A0543	TAMMISETTI VIJAYALAKSHMI		
Z	15A81A0575	MRUDHULA SRI KAMMA		
n	15A81A0579	KIRALA RISHIKA RANI		
	15A81A0589	MARAGANI SRAVANI DURGA		
	15A81A05C8	BOMMA JAGRUTHI S V P DURGAMANI		
ì	15A81A05D4	DAMARAJU N S K SINDHU PRIYA		
	15A81A05H3	TEKI KALYANI		
6	15A81A05J0	CHELLANKI RAMYA SUDHA		
	15A81A05L4	MOHAMMAD YASMIN	DELVALA NUE	100 240 X DA
	15A81A05D4	DAMARAJU N S K SINDHU PRIYA	PENNANT TECHNOLOGIES	1.80 - 2.40 LPA
	15A81A05H1	SHAIK IZAZ AHMAD	TECHNOLOGIES	
ı	15A81A05J4	CHUNDURU NAGA PRATYUSHA	AMPENICA POLA PIC	2 20 7 71
/	15A81A0550	VANNEMREDDY RAMA LAKSHMI	VIRTUSA POLARIS	3.30 LPA
1	15A81A0575	MRUDHULA SRI KAMMA		
1	15A81A05F1	MADDAMSETTI LAKSHMI MOUNICA		
	15A81A05F2	MAHANTHI VARA LAKSHMI	MIDACLE	1 00 T D 4
	15A81A0541	SAREDDY SUPRIYA	MIRACLE SOFTWARE	1.80 LPA
	15A81A0564	ANKAM MAHESH KUMAR	SYSTEMS	
	15A81A0579	KIRALA RISHIKARANI		
	15A81A0587	MALLABATHULA HEMA MOUNIKA		
	15A81A0589 15A81A05B2	MARAGANI SRAVANI DURGA SRIRAM VENKATA SUBBA RAO		
	15A81A05B5	TADURI SREERAMANI CHANDRIKA		
	15A81A05C6			
	15A81A05J0	CHELLANKI RAMYA SUDHA		
H	15A81A05K3	KODUGANTI SREE SATYA		
	ISAGIAUSKS	KANAKAVALLI		
	15A81A05L6	MUTYAM VASANTHALAKSHMI		
	15A81A05N4	TAMMINA SAI DEEPIKA		
	16A85A0505	KOSURI SUVARNA RAJU		
	15A81A05C2	AKULA ANU	TECH MAHINDRA	1.80 LPA
	15A81A0532	MEESALA BALA DURGA	SYNTEL	3.0 LPA

15A81A0541	SAREDDY SUPRIYA		
15A81A0575	KAMMA MRUDHULA SRI		
15A81A0589	MARAGANI SRAVANI DURGA		
15A81A0594	NANDURI NAGA VENKATA JAHNAVI		
15A81A05A9	SATTI DURGA		
15A81A05B3	SURAMPUDI VINAY		
15A81A05B8	VALLIPALLI HANUMA NAGA SUSMITHA		
15A81A05C8	BOMMA JAGRUTHI S V P DURGA MANI		
15A81A05E8	KUNUKU VENKATA SASI KUMAR		
15A81A05F6	NADIMPALLI HEMA LAKSHMI BHAVANI		
15A81A05G0	NOWDU MADHURI BHAVANI		
15A81A05J6	ELLURI HARI BABU		
15A81A05K7	KOTARU SOWJANYA		
15A81A05N2	SUGGISETTI SOWMYA SRI		
15A81A05N8	VASA CHAITANYA		
15A81A05B2	SRIRAM VENKATA SUBBA RAO	MPHASIS	1.80 LPA
15A81A05L0	MADA SUPRAGNA		
15A81A05K8	KURALLA NAGA LAKSHMI SUSMITHA	MINDTREE	3.30 LPA
15A81A0524	KONDAPALLI SIVA RAMA KRISHNA	KARVY	1.80 LPA
15A81A0561	A BALA VENKATA KIRAN TEJA		
15A81A0568	CHITYALA SRI ABHIRAM		
15A81A0570	DASI JOHN RATNA PAUL		
15A81A05A0	PANCHAKARLA VIJAY KUMAR		
15A81A05C1	ADAPA SARATH KUMAR		
15A81A05D0	CHEERA GANESH		
15A81A05G7	SABBELLA VENKATA REDDY		
15A81A05H9	YEGIREDDY SAI PHANINDRA KUMAR		
15A81A0533	MUNGARA NAVEEN KUMAR	JUST DIAL	2.04LPA
15A81A05L2	MALLIPUDI LOHITH MANIKANTA SANTHOSH		
16A85A0505	KOSURI SUVARNA RAJU		

#### **SNIPPETS**

#### WHAT IS THE OUTPUT OF FOLLOWING:

```
1. #include<stdio.h>
   int main()
{
     signed char chr=128;
     printf("%d\n",chr);
     return 0;
}
```

a)128

b)-128

c)based on compiler

d)None

```
2. #include<stdio.h>
```

```
int main()
{
      short i;
      for(i=1;i>=0;i++)
      printf("%d\n",chr);
}
```

a. control won't fall into loop

b. numbers will be displayed until signed limit and throw runtime error

c. numbers will be displayed until signed limit and program terminates

d. it will be infinite loop printing numbers without error

```
3.
      #include <stdio.h>
      void main()
                                                a) Compile time error
                                                b) hello
      int k = 0;
                                                c) Nothing
      for (k)
                                                d) Varies
      printf("Hello");
       #include <stdio.h>
 4.
      void main()
                                                a) Compile time error
      int k = 0;
                                                b) Hello is printed thrice
      for (k < 3; k++)
                                                c) Nothing
      printf("Hello");
                                                d) Varies
      #include <stdio.h>
5.
      void main()
                                                a) Run time error
                                                b) Hello is printed thrice
      double k = 0;
                                                c) Hello is printed twice
      for (k = 0.0; k < 3.0; k++)
                                                d) Hello is printed infinitely
      printf("Hello");
```

```
6.
      #include <stdio.h>
                                                a) a = 1, b = 1
      int main()
                                                b) a = 2, b = 1
                                                c) a = 1, b = 2
      int a = 1, b = 1, c;
                                                d) a = 2, b = 2
      c = a+++b;
      printf("%d, %d", a, b);
7.
      #include <stdio.h>
                                                a)a = 10, b = 9
      int main()
                                                b) a = 10, b = 8
                                                c) a = 5, b = 9
      int a = 10, b = 10;
                                                d) a = 5, b = 8
      if (a = 5)
      b--;
      printf("%d, %d", a, b--);
      #include <stdio.h>
8.
                                                a) 0
      int main()
                                                b) 1
                                                c) 2
      int i = 0;
                                                d) Compile time error
      int j = i+++i;
      printf("%d\n", j);
```

