

DAILY ONLINE ACTIVITIES SUMMARY

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|--|-----------------------------------|-----------------|------------|
| Date: | 12/06/2020 | Name: | Prathiksha |
| Sem & Sec | 8 th sem & B sec | USN: | 4AL16CS070 |
| Online Test Summary | | | |
| Subject | Big Data Analytics(BDA) | | |
| Max. Marks | 30 | Score | 28 |
| Certification Course Summary | | | |
| Course | Artificial Intelligence in Python | | |
| Certificate Provider | Great Learning Academy | Duration | 7hrs |
| Coding Challenges | | | |
| Problem Statement: 1. Python program to left rotate a given array. | | | |
| Status: Solved | | | |
| Uploaded the report in Github | | Yes | |
| If yes Repository name | | Prathiksha | |
| Uploaded the report in slack | | Yes | |

Online Test Details:

The screenshot shows a Gmail interface with a sidebar on the left containing 'Compose', 'Inbox' (7), 'Starred', 'Snoozed', 'Sent', 'Drafts' (23), and 'More'. The main area displays an email from 'TechGig <user@techgig.com>' with the subject 'Prathiksha ., Round 1 cleared'. The email content includes a congratulatory message: 'Congratulations! Prathiksha ., You've cleared Round 1 and scored 60/60 in SMS_VII. That's the maximum score one can reach in this assessment. View and share your achievement.' Below this is a red 'View Achievement' button. Further down, it says 'About The Assessment' with a placeholder image for 'SMS_VII' and the text 'Round 1 ends on: 11 Jun, 2020 (1 Hour)'. The email ends with 'Warm Regards, TechGig Team'.

Certification Course Details:

The screenshot shows the Great Learning website. The top navigation bar includes 'Home', 'Live Sessions', 'Certificates', and a 'My Courses' button. The main content area is titled 'Architecture of Artificial Neural Network'. On the left, a 'Content' sidebar lists various topics with green checkmarks indicating completion: 'Agenda', 'History behind Neural Networks', 'Relationship between Biological Neuron and Artificial Neuron', 'Perceptron and Working Mechanism', 'Architecture of Artificial Neural Network' (highlighted), 'Types of Activation Functions', and 'Softmax Function'. The main video player shows a slide titled 'Introduction to machine learning' with the subtitle 'Machine Learning (Artificial Neural Network)'. The slide text states: '10. The processing elements of a ANN is called a *node*, representing the artificial neuron. Each ANN is composed of a collection of nodes grouped in layers. A typical structure is shown The initial layer is the input layer and the last layer is the output layer. In between we have the hidden layers'. Below the text is a diagram of a neural network with four layers: 'Input Layer' (nodes X1, X2, X3), '1st Hidden Layer' (3 nodes), '2nd Hidden Layer' (3 nodes), and 'Output Layer' (node Y_Pred). A 'Bias Layer' is shown at the bottom with nodes B1, B2, B3.

Topic : About Architecture of ANN with Machine learning.

Coding Challenges Details:

Program 1:

```
def leftRotate(arr,d,n):
    for i in range(d):
        leftRotatebyOne(arr,n)
def leftRotatebyOne(arr,n):
    temp=arr[0]
    for i in range(n-1):
        arr[i]=arr[i+1]
    arr[n-1]=temp
def printArray(arr,size):
    for i in range(size):
        print("%d"%arr[i],end="")
arr=[1,2,3,4,5,6,7]
leftRotate(arr,2,7)
printArray(arr,7)
```