DAILY ONLINE ACTIVITIES SUMMARY

Date:	**16th June 2020**	**Name:**	**Sangeetha N A**
Sem & Sec	**8th Semester 'B' Section**	**USN:**	**4AL16CS083**

Online Test Summary

Subject	**Big Data Analytics**		
Max. Marks	**30**	**Score**	**22**

Certification Course Summary

Course	**Deep Learning**		
Certificate Provider	**Mathworks**	**Duration**	**3 hour**

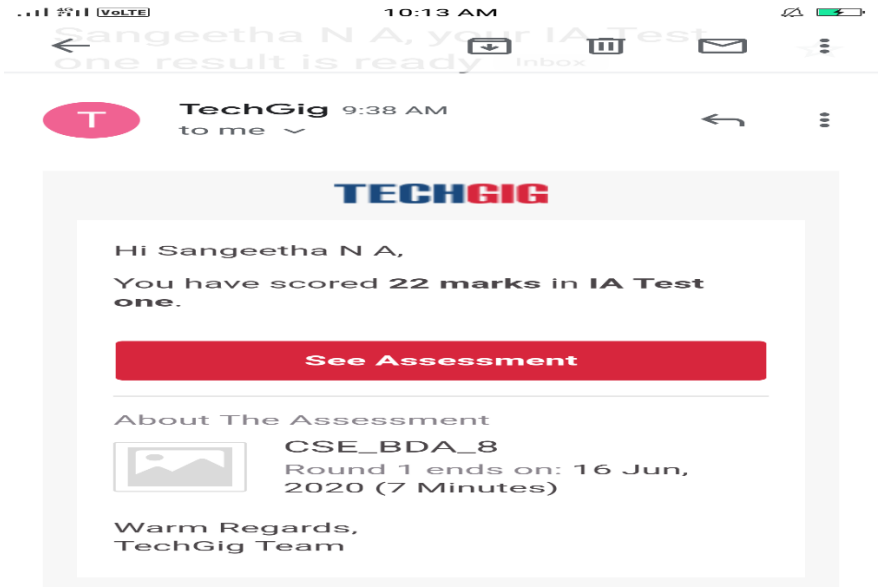
Coding Challenges

Problem Statement: 1) Python program to find the SHA-1 message digest of a file

Status: completed

Uploaded the report in Github	**yes**
If yes Repository name	**sangeethana**
Uploaded the report in slack	**yes**

Online Test Details: (Attach the snapshot and briefly write the report for the same)



Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

```
import hashlib
```

```
def hash_file(filename):
   """This function returns the SHA-1 hash
   of the file passed into it"""

   # make a hash object
   h = hashlib.sha1()

   # open file for reading in binary mode
   with open(filename,'rb') as file:

       # loop till the end of the file
       chunk = 0
       while chunk != b'':
           # read only 1024 bytes at a time
           chunk = file.read(1024)
           h.update(chunk)

   # return the hex representation of digest
   return h.hexdigest()

message = hash_file("track1.mp3")
print(message)
```