DAILY ONLINE ACTIVITIES SUMMARY

Date:	26/06/2020	Name:	Anagha Iyengar S
Sem & Sec	8th sem,A	USN:	4AL16CS011

Online Test Summary			
Subject	_		
Max. Marks	_	Score	_

Certification Course Summary			
Course	Python for Machine Learning		
Certificate Provider	Great Learning Academy	Duration	7hr

Coding Challenges
Problem Statement: Python Program for How to check if a given number is Fibonacci number?
Status: Solved

Uploaded the report in Github	Yes

If yes Repository name	anaghaiyengar
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
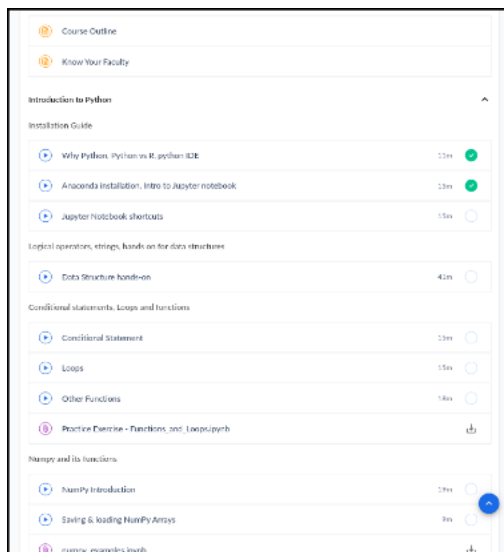
Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

#Python Program for How to check if a given number is Fibonacci number?

```
import math
def isPerfectSquare(x):
    s = int(math.sqrt(x))
    return s*s == x
def isFibonacci(n):
    return isPerfectSquare(5*n*n + 4) or isPerfectSquare(5*n*n - 4)
for i in range(1,11):
    if (isFibonacci(i) == True):
        print i,"is a Fibonacci Number"
    else:
        print i,"is a not Fibonacci Number "
```