DAILY ONLINE ACTIVITIES SUMMARY

Date:	14-07-2020	Name:	M.C Suchithra Heggade
Sem & Sec	VI Sem A	USN:	4AL17CS047

Pre-placement Training Summary			
Subject	OS IA 1		
Max. Marks	-	Score	-

Online Certification Summary			
Course	Python Data Structures		
Certificate Provider	Coursera	Duration	7 week

Coding Challenges	
Problem Statement: **Python Program for Tower of Hanoi**	
Status:Completed	
Uploaded the report in Github	Yes
If yes Repository name	https://github.com/Suchitraheggade/certification-on-Online-coding
Uploaded the report in slack	Yes

Online Certification Details:
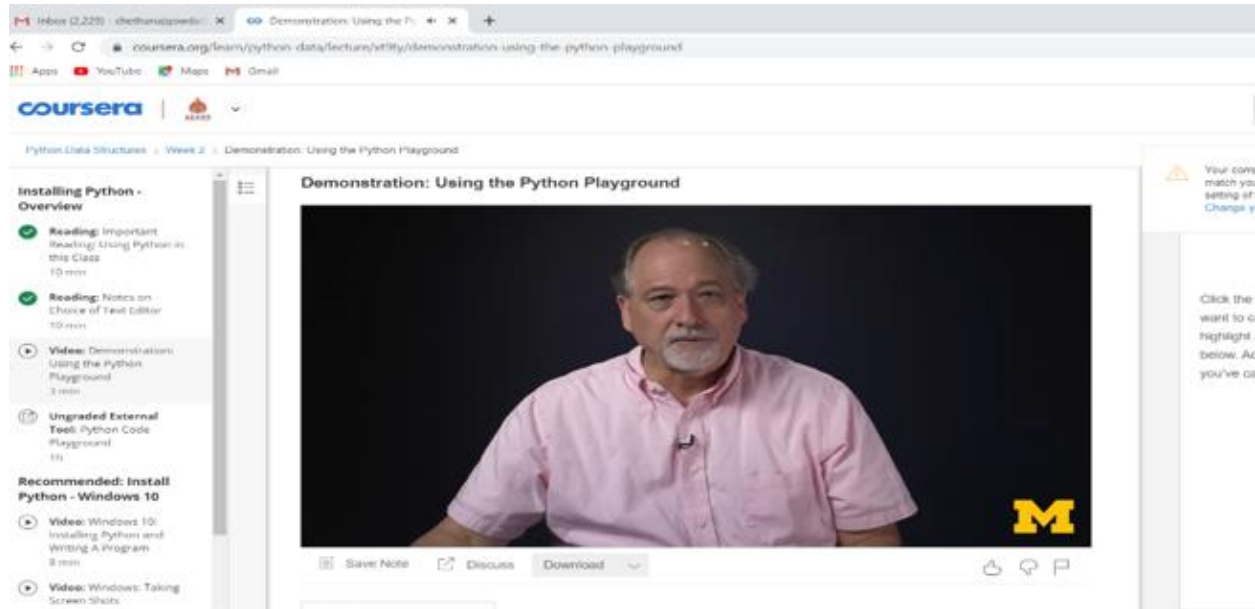
Coding Challenges Details:

```python
def  hanoi(disks, source, auxiliary, target):
    if disks == 1:
        print('Move disk 1 from peg {} to peg {}.'.format(source, target))
        return
    hanoi(disks - 1, source, target, auxiliary)
    print('Move disk {} from peg {} to peg {}.'.format(disks, source, target))
    hanoi(disks - 1, auxiliary, source, target)
disks = int(input('Enter number of disks: '))
hanoi(disks, 'A', 'B', 'C')
```

Language Python 3

main.py

```python
def  hanoi(disks, source, auxiliary, target):
    if disks == 1:
        print('Move disk 1 from peg {} to peg {}.'.format(source, target))
        return
```

input

```
Enter number of disks: 3
Move disk 1 from peg A to peg C.
Move disk 2 from peg A to peg B.
Move disk 1 from peg C to peg B.
Move disk 3 from peg A to peg C.
Move disk 1 from peg B to peg A.
Move disk 2 from peg B to peg C.
Move disk 1 from peg A to peg C.

...Program finished with exit code 0
Press ENTER to exit console.
```