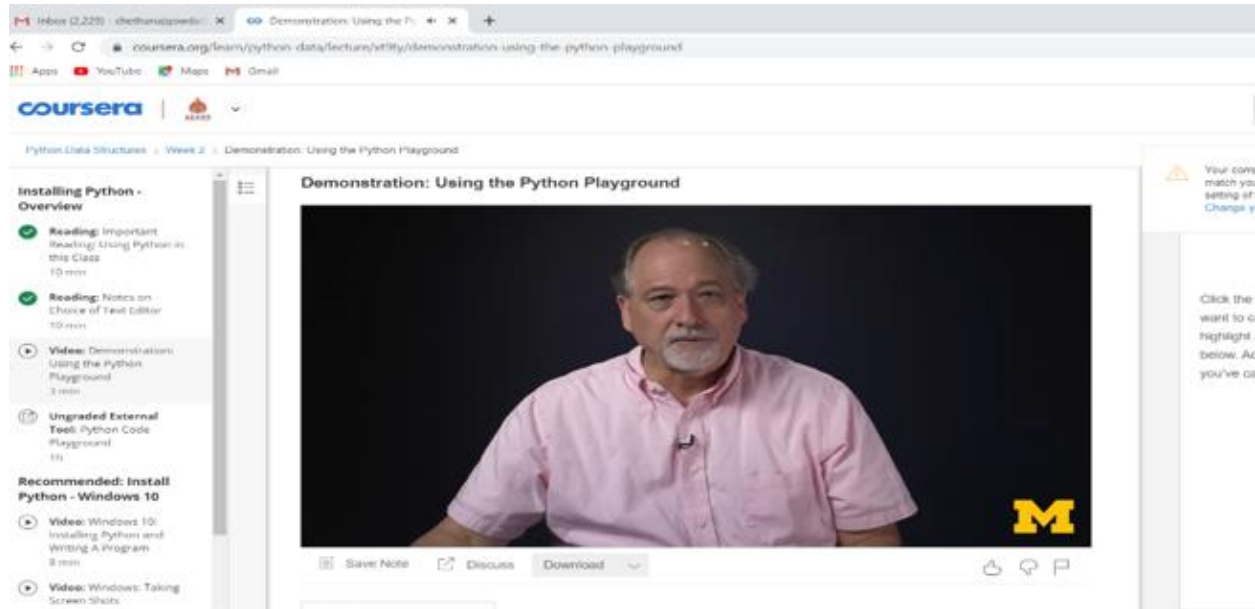


DAILY ONLINE ACTIVITIES SUMMARY

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:

```
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')
```

Inbox (2,232) - chethanajgowda x Slack | cse_third_year_2019_20 | x Online Python Compiler - online x +

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main.py

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

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.

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