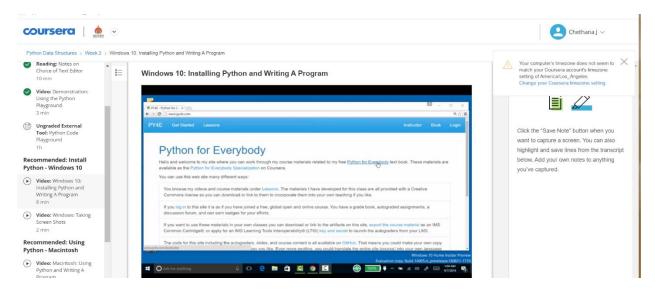
DAILY ONLINE ACTIVITIES SUMMARY

Date:	15-07-20	20	Name:	Chetha	ına j			
Sem & Sec	VI Sem A		USN:	4AL17CS022				
Pre-placement Training Summary								
Subject								
Max. Marks -			Score	-				
Online Certification Summary								
Course	Python	Python Data Structures						
Certificate Provider Coursera		Coursera	Duration		7 week			
Coding Challenges								
Problem Statement: Python Program for Sieve of Eratosthenes.								
Status:Completed								
Uploaded the report in Github			Yes					
If yes Repository name			https://github.com/Jchethana1990/online-course https://github.com/Jchethana1990/Machine- learning-workshop					
Uploaded the report in slack			Yes					

Online Certification Details:



Coding Challenges Details:

Python Program for Sieve of Eratosthenes.

```
6
                                                                       Run
                                                                                 Shell
main.py
1 # Online Python compiler (interpreter) to run Python online.
                                                                                Following are the prime numbers smaller than or equal to
2 # Write Python 3 code in this online editor and run it.
3
                                                                                3
4 r def SieveOfEratosthenes(n):
                                                                                5
                                                                                7
       prime = [True for i in range(n + 1)]
       p = 2
                                                                                11
6
7 =
     while (p * p \le n):
                                                                                13
      if (prime[p] == True):
8 =
                                                                                17
9 =
        for i in range(p * 2, n + 1, p):
                                                                                19
                                                                                23
10
                 prime[i] = False
       p += 1
                                                                                29
11
12
       prime[0]= False
13
       prime[1]= False
14 -
     for p in range(n + 1):
15 🔻
        if prime[p]:
       print(p)
16
17 if __name__=='__main__':
18
       n = 30
19
        print("Following are the prime numbers smaller than or equal to")
20
21
        SieveOfEratosthenes(n)
```