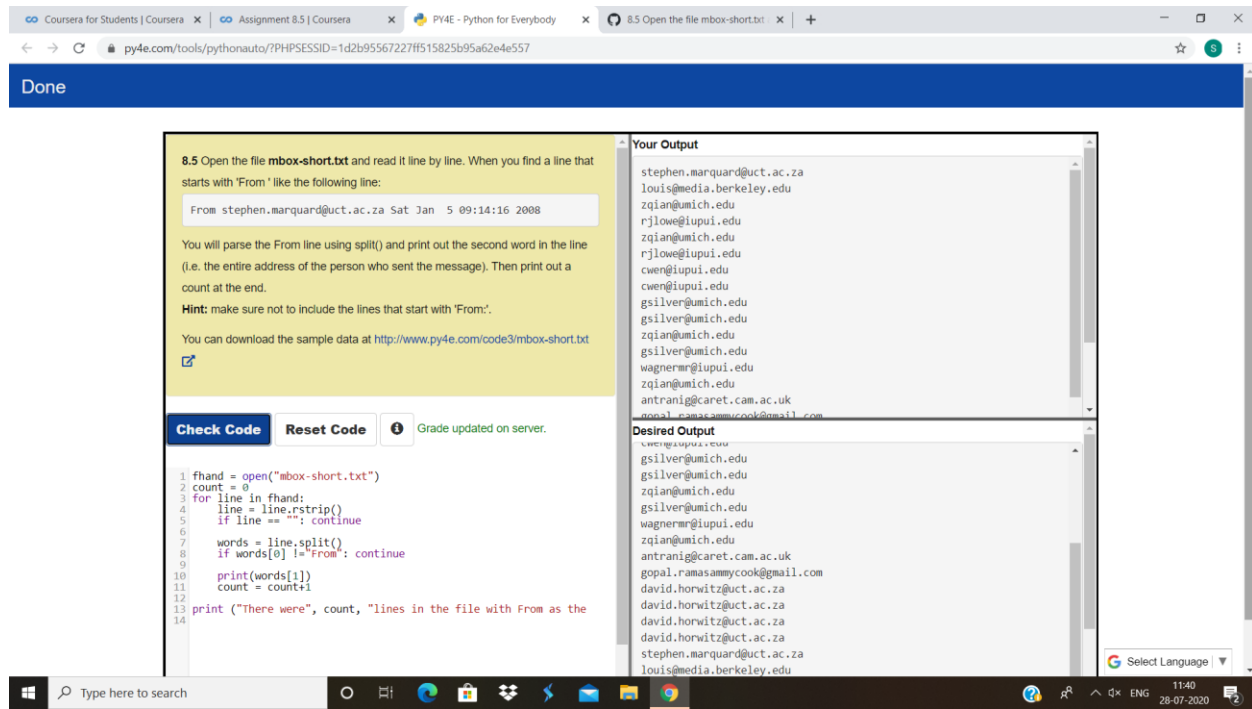


DAILY ONLINE ACTIVITIES SUMMARY

Date:	29-07-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6th & A	USN:	4AL17CS047
Online Test Summary			
Subject	OR IA Module 4		
Max. Marks	30	Score	-
Certification Course Summary			
Course	Python Data Structures		
Certificate Provider	Coursera	Duration	5 Weeks
Coding Challenges			
Problem Statement: Python Program for Number of stopping station problem			
Status: Solved			
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 COURSE



ONLINE CODING

Python Program for Number of stopping station problem

def stopping_station(p, n):

num = 1

dem = 1

s = p

while p != 1:

dem *= p

p-=1

t = n - s + 1

while t != (n-2 * s + 1):

```
    num *= t
    t-=1
if (n - s + 1) >= s:
    return int(num/dem)
else:
    return -1
num = stopping_station(2, 12)
if num != -1:
    print("Number of stopping stations:",num)
else:
    print("I'm Possible")
```

main.py

```
1 def stopping_station( p, n):
2     num = 1
3     dem = 1
4     s = p
5     while p != 1:
6         dem *= p
7         p-=1
8     t = n - s + 1
9     while t != (n-2 * s + 1):
10         num *= t
11         t-=1
12     if (n - s + 1) >= s:
13         return int(num/dem)
14     else:
15         return -1
16 num = stopping_station(2, 12)
17 if num != -1:
18     print("Number of stopping stations:",num)
19 else:
20     print("I'm Possible")
```

input

Number of stopping stations: 55