

DAILY ONLINE ACTIVITIES SUMMARY

Date:	11-08-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6 A	USN:	4AL17CS047
Online Test Summary			
Subject	–		
Max. Marks	–	Score	–
Certification Course Summary			
Course	PYTHON FOR EVERYBODY SPECIALIZATION COURSE		
Certificate Provider	COURSERA	Duration	4 Hours/Week
Coding Challenges			
Problem Statement: 1 Python Program			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/Suchitraheggade/certification-on-Online-coding	
Uploaded the report in slack		Yes	

Certification Course Details:

3.1 Conditional Statements

Conditional - Part 1

Conditional Steps

```

x = 5
x < 10 ?
  Yes: print('Smaller')
  No:  x > 20 ?
        Yes: print('Bigger')
        No:  print('Finis')

```

Program:

```

x = 5
if x < 10:
    print('Smaller')
if x > 20:
    print('Bigger')
print('Finis')

```

Output:

Smaller
Finis

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Notes

Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.

Coding Challenges Details

Program1:

Programiz Python Online Compiler

Remotely detect and resolve device and machine issues before they impact your business. [OPEN](#)

[Learn Python App](#)

```

main.py
1 import math
2 def calculateDivisors (A, B):
3     N = A - B
4     noOfDivisors = 0
5     a = math.sqrt(N)
6     for i in range(1, int(a + 1)):
7         if ((N % i == 0)):
8             if (i > B):
9                 noOfDivisors +=1
10            if ((N / i) != 1 and (N / i) > B):
11                noOfDivisors += 1;
12     return noOfDivisors
13 def numberOfPossibleWaysUtil (A, B):
14     if (A == B):
15         return -1
16     if (A < B):

```

Shell

For A = 26 and B = 2 , X can take <function calculateDivisors at 0x7fded6353e50> values
For A = 21 and B = 5 , X can take <function calculateDivisors at 0x7fded6353e50> values
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