DAILY ONLINE ACTIVITIES SUMMARY

Date:	03-08-2020	Name:	M.C Suchithra Heggade
Sem & Sec	6th & A	USN:	4AL17CS047

Online Test Summary			
Subject	-		
Max. Marks	-	Score	-

Certification Course Summary			
Course	Python for data Structures		
Certificate Provider	coursera	Duration	5 weeks

Coding Challenges
Problem Statement: Python Program for Number of jump required of given length to reach a point of form (d, 0) from origin in 2D plane
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 jump required of given length to reach a point of form (d, 0) from origin in 2D plane

```python
def minJumps(a, b, d):

    temp = a

    a = min(a, b)

    b = max(temp, b)

    if (d >= b):

        return (d + b - 1) / b
```

```python
    if (d == 0):

        return 0

    if (d == a):

        return 1

    return 2

a = 7

b = 10

d = 26

print ( "The minimum number of jump required to reach (d, 0) from (0, 0) is:",int(minJumps(a, b, d)))
```

```python
def minJumps(a, b, d):
    temp = a
    a = min(a, b)
    b = max(temp, b)
    if (d >= b):
        return (d + b - 1) / b
    if (d == 0):
        return 0
    if (d == a):
        return 1
    return 2
a = 7
b = 10
d = 26
print ( "The minimum number of jump required to reach (d, 0) from (0, 0) is :",int(minJumps(a, b, d)))
```

input

```
The minimum number of jump required to reach (d, 0) from (0, 0) is : 3


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