

DAILY ONLINE ACTIVITIES SUMMARY

Date:	3/7/2020	Name:	Vleena Mascarenhas
Sem & Sec	8 th & B	USN:	4AL16CS121
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Subnets, Gateways, and Route Tables Explained		
Certificate Provider	AWS	Duration	17 minutes
Coding Challenges			
Problem Statement: Python program for recursive insertion sort			
Status: Solved			
Uploaded the report in Github		yes	
If yes Repository name		vleena	
Uploaded the report in slack		yes	

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Problem Statement:

Python program for recursive insertion sort

```
def insertionSort(arr,n):  
    if n<=1:  
        return  
    insertionSort(arr,n-1)
```

```
        last=arr[n-1]

        j=n-2

        while (j>=0 and arr[j]>last):

            arr[j+1]=arr[j]

            j=j-1

        arr[j+1]=last


def printArray(arr,n):

    for i in range(n):

        print arr[i]

arr=[12,11,13,5,6]

n=len(arr)

insertionSort(arr,n)
```

OUTPUT:

5

6

11

12

13