

DAILY ONLINE ACTIVITIES SUMMARY

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|--|--------------------------------|-----------------|--------------------|
| Date: | 2/7/2020 | Name: | Vleena Mascarenhas |
| Sem & Sec | 8 th & B | USN: | 4AL16CS121 |
| Online Test Summary | | | |
| Subject | System Modeling and Simulation | | |
| Max. Marks | 30 | Score | - |
| Certification Course Summary | | | |
| Course | Understanding Neural Networks | | |
| Certificate Provider | AWS | Duration | 15 minutes |
| Coding Challenges | | | |
| Problem Statement: Python program for 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 insertion sort

```
def insertionsort(arr):
```

```
    for i in range(1,len(arr)):
```

```
        key=arr[i]
```

```
        j=i-1
```

```
        while j>=0 and key<arr[j]:
```

```
        arr[j+1]=arr[j]
        j-=1
    arr[j+1]=key
arr=[12,11,13,5,6]
insertionsort(arr)
print("sorted array is:")
for i in range(len(arr)):
    print(arr[i])
```

OUTPUT:

sorted array is:

5

6

11

12

13