DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/06/2020	Name:	Sumana Rehman
Sem & Sec	8th Sem B	USN:	4AL16CS107

Online Test Summary			
Subject	--		
Max. Marks	--	Score	--

Certification Course Summary			
Course	Web Application Pentesting		
Certificate Provider	pentesteracdemy	Duration	

Coding Challenges	
Problem Statement: Python program to quicksort	
Status: Completed	
Uploaded the report in Github	Yes
If yes Repository name	Alvas-education-foundation/Sumana
Uploaded the report in slack	yes

Coding Challenges:

```python
# Python Program for QuickSort. def partition(arr,low,high):

i = ( low-1 )

pivot = arr[high]

for j in range(low , high):

if arr[j] <= pivot:

i = i+1

arr[i],arr[j] = arr[j],arr[i]

arr[i+1],arr[high] = arr[high],arr[i+1]

return ( i+1 )

# Function to do Quick sort

def quickSort(arr,low,high):

if low < high:

pi = partition(arr,low,high)

quickSort(arr, low, pi-1)

quickSort(arr, pi+1, high)

arr = [10, 7, 8, 9, 1, 5]

n = len(arr)

quickSort(arr,0,n-1)

print ("Sorted array is:")
```

```python
for i in range(n):

print ("%d" %arr[i])
```