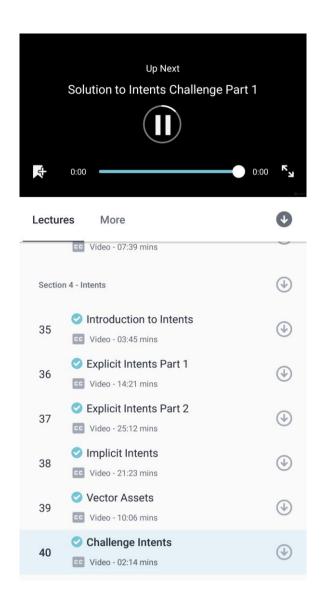
DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/06/2020			Name:	Afrah	Saleem	
Sem & Sec	8th Sem , B Sec			USN:	4AL16	6CS127	
Online Test Summary							
Subject							
Max. Marks				Score			
Certification Course Summary							
Course Learn android applications and development							
Certificate Provider		Udemy		Duration		10 hrs	
Coding Challenges							
Problem Statement: 1) Python Program for QuickSort.							
Status: Solved							
Uploaded the report in Github				YES			
If yes Repository name				Afrah			
Uploaded the report in slack				YES			

Certification Course Details:



CODE:

Program no:1

```
# 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:")
for i in range(n):
  print ("%d" % arr[i])
```