


DAILY ONLINE ACTIVITIES SUMMARY

Date:	14/06/2020	Name:	Afrah Saleem
Sem & Sec	8th Sem , B Sec	USN:	4AL16CS127
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:

Up Next

Solution to Intents Challenge Part 1



0:00 0:00

Lectures More

Video - 07:39 mins

Section 4 - Intents

- 35 ☒ Introduction to Intents
Video - 03:45 mins
- 36 ☒ Explicit Intents Part 1
Video - 14:21 mins
- 37 ☒ Explicit Intents Part 2
Video - 25:12 mins
- 38 ☒ Implicit Intents
Video - 21:23 mins
- 39 ☒ Vector Assets
Video - 10:06 mins
- 40 ☒ Challenge Intents
Video - 02:14 mins

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])
```