

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Venkata Chandrashekar M S
Sem & Sec	8 th - B	USN:	4AL16CS119
Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	27
Certification Course Summary			
Course	AWS Cloud practitioner details(second edition)		
Certificate Provider	AWS	Duration	30 minutes
Coding Challenges			
Problem Statement:			
1) write a c program to sort an array of integers in ascending order and display the sorted array and number of passes performed for sorting			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		venkatchandrashekar	
Uploaded the report in slack		Yes	

Certification course details:



Online Test details:

Hi Venkat Chandrashekar M S,

You have scored **27 marks** in **MCQ**.

[See Assessment](#)

About The Assessment



IoT IA2

Round 1 ends on: 27 May, 2020 (1 Hour)

Warm Regards,
TechGig Team

Online Coding challenge:

```
#include <stdio.h>

void swap(int *xp, int *yp)
{
    int temp = *xp;
    *xp = *yp;
    *yp = temp;
}

int bubbleSort(int arr[], int n)
{
    int i, j, count=0;
    int swapped;
    for (i = 0; i < n-1; i++)
    {
        swapped = 0;
        for (j = 0; j < n-i-1; j++)
        {
            if (arr[j] > arr[j+1])
            {
                swap(&arr[j], &arr[j+1]);
                swapped = 1;
            }
            count++;
        }
    }
    if (swapped == 0)
        break;
    return count;
}

void printArray(int arr[], int size)
{
    int i;
    for (i=0; i < size; i++)
        printf("%d ", arr[i]);
    printf("\n");
}
```

```
}  
int main()  
{  
    int arr[50],num;  
    printf("enter the number of elements");  
    scanf("%d",&num);  
    printf("enter the elements");  
    for(int i=0;i<num;i++){  
        scanf("%d",&arr[i]);  
    }  
    int c=bubbleSort(arr, num);  
    printf("Sorted array: \n");  
    printArray(arr, num);  
    printf("Number of passes:%d\n",c);  
    return 0;  
}
```