

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Vishwas Acharya
Sem & Sec	8 th - A	USN:	4AL16CS002
Online Test Summary			
Subject	Introduction to Internet of Things		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Introduction to serverless development		
Certificate Provider	AWS	Duration	25minutes
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		vishwas_acharya	
Uploaded the report in slack		Yes	

Online Test Details:

TECHGIG

Hi Vishwas Acharya,

You have scored **28 marks** in **MCQ**.

[See Assessment](#)

About The Assessment



IoT IA2
Round 1 ends on: 27 May, 2020 (1 Hour)

Warm Regards,
TechGig Team

Certification Course Details:

 **aws** training and certification

Certificate of Completion
Vishwas

Has successfully completed
Introduction to Serverless Development



Director, Training and Certification

25 minutes

Duration

27 May, 2020

Completion Date

Coding Challenges Details:

```
#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;  
}
```