

DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Anitha Lakshmi T N
Sem & Sec	8 th - A	USN:	4AL16CS012
Online Test Summary			
Subject	Introduction to Internet of Things		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Introduction to AWS Fargate		
Certificate Provider	AWS	Duration	15 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		Anitha_lakshmi	
Uploaded the report in slack		Yes	

Online Test Details:

The screenshot shows an email interface with the following details:

- Browser Tabs:** Introduction to AWS Fargate | A..., SCORM Launch Page, .your MCQ result is ready - anith..., +
- Address Bar:** mail.google.com/mail/u/0/?tab=rm&ogbl#inbox/FMfcgwxHNNWHBbhXcMdqsrhVJDMQJNnC
- Page Header:** TECHGIG
- Content:**
 - Greeting: Hi ,
 - Score: You have scored **28 marks** in MCQ.
 - Button: **See Assessment**
 - Section: About The Assessment
 - Image: Placeholder for a logo or image.
 - Text: IoT IA2
 - Text: Round 1 ends on: 27 May, 2020 (1 Hour)
 - Sign-off: Warm Regards, TechGig Team
- Footer:** 2020 | TechGig | Terms of Use | Contact Us | Follow Us on | Download App
- Taskbar:** Shows several open documents (27_05_2020.docx, 24_05_2020.docx, 25_05_2020.docx, 25_05_2020.pdf, 24_05_2020.pdf, 27_05_2020.pdf) and a calendar for 27 May 2020 (Wednesday) at 21:22.

Certification Course Details:



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;  
}
```