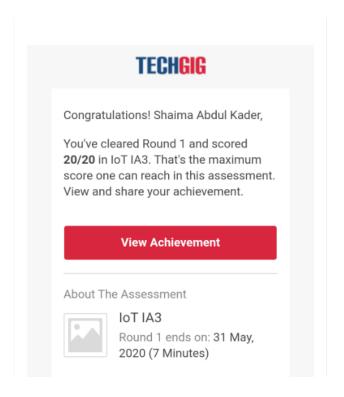
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	31-05-2020		Name:	Shaima Abdul Kader	
Sem & Sec	8 <sup>th</sup> sem B sec		USN:	4AL16CS087	
Online Test Summary					
Subject IOT					
Max. Marks	20		Score	20	
Certification Course Summary					
Course	Automation Anywhere(IQ BOT)				
Certificate Provider		ICT Academy	Duration		3 hours
Coding Challenges					
<b>Problem Statement</b> -write a c program to sort an array of integers in ascending or descending order and display the sorted array and number of passes performed for sorting .					
Status: completed					
Uploaded the report in Github			yes		
If yes Repository name			shaima		
Uploaded th	ne report	in slack	yes		

Online Test Details: (Attach the snapshot and briefly write the report for the same)



Certification Course Details: (Attach the snapshot and briefly write the report for the same)



Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

## PROGRAM1

```
#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++)</pre>
```

```
{
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=n;i++)
}
```