DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Imran Khan
Sem & Sec	8th A	USN:	4AL16CS040

Online Test Summary			
Subject	IOT		
Max. Marks	30	Score	28

Certification Course Summary			
Course	Angular and node js –The mean stack		
Certificate Provider	Udemy	Duration	20hrs

Coding Challenges
Problem Statement: 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: Solved

Uploaded the report in Github	yes
If yes Repository name	Imran040
Uploaded the report in slack	yes

Online Test Details:

Hi Imran Khan,

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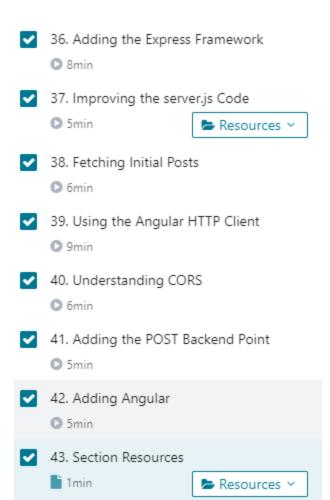
See Assessment

About The Assessment

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

Certification Course Details:

Learn how to connect your Angular Frontend to a NodeJS & Express & MongoDB Backend by building a real Application

Coding Challenges Details:

program1:

```c
#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++)
```

```c
{
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 \n");
    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;
}
```