DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/05/2020	Name:	Anagha Iyengar S
Sem & Sec	8th sem,A	USN:	4AL16CS011

Online Test Summary			
Subject	IoT		
Max. Marks	30	Score	28

Certification Course Summary			
Course	Introduction to full stack development		
Certificate Provider	GreatLearning	Duration	2.3 hours

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	anaghaiyengar
Uploaded the report in slack	Yes

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

TechGig 10:24 AM
to me

TECHGIG

Hi ,

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

See Assessment

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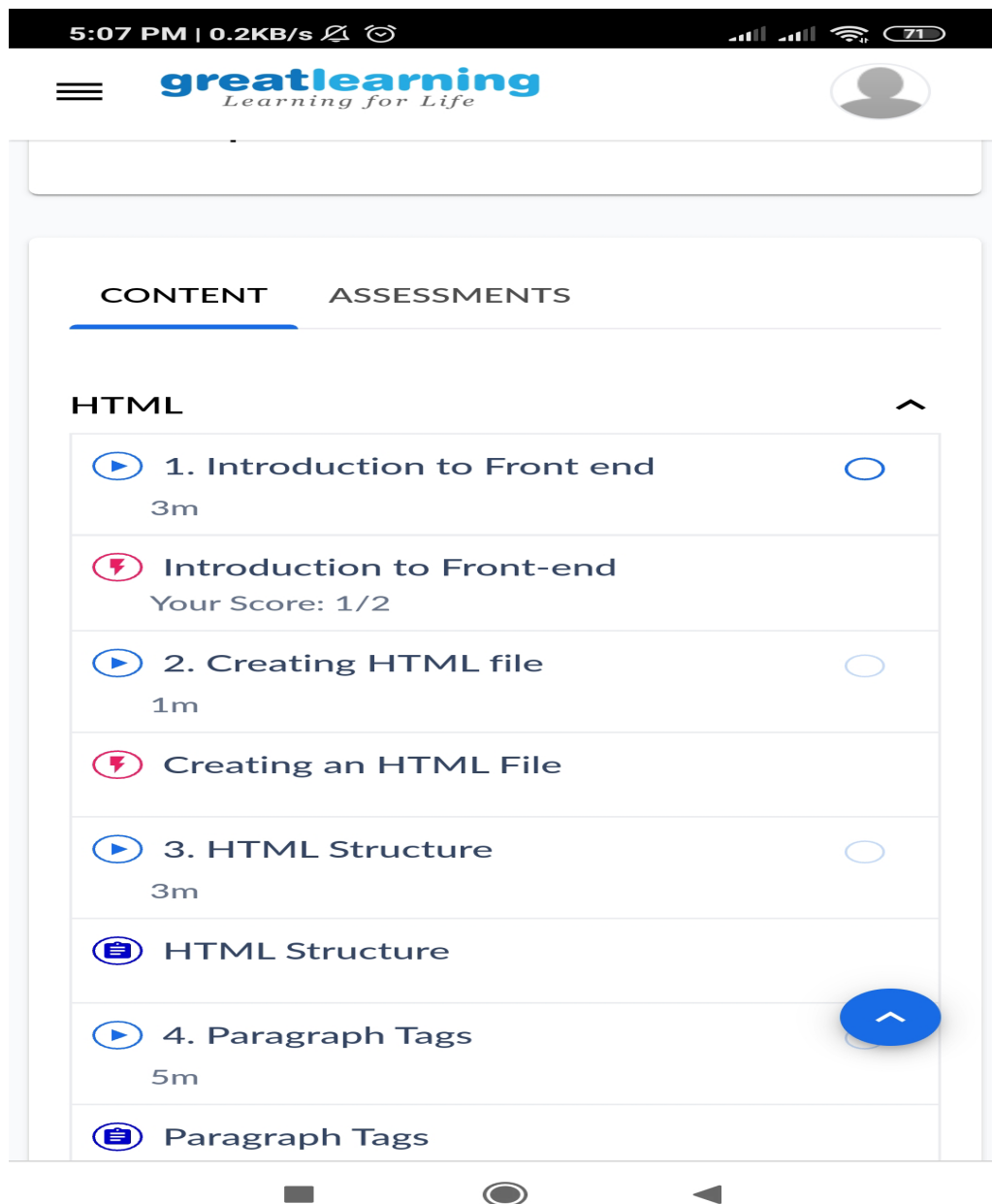
IoT IA2
Round 1 ends on: 27 May,
2020 (1 Hour)

Warm Regards,
TechGig Team

CONTENT   ASSESSMENTS

HTML

▶ 1. Introduction to Front end
3m

⚡ Introduction to Front-end
Your Score: 1/2

▶ 2. Creating HTML file
1m

⚡ Creating an HTML File

▶ 3. HTML Structure
3m

📋 HTML Structure

▶ 4. Paragraph Tags
5m

📋 Paragraph Tags

)

PROGRAM 1

include <stdio.h>

void swap(int *xp, int *yp)

{

int temp = *xp;

```c
*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;
```

```c
    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;
}
```