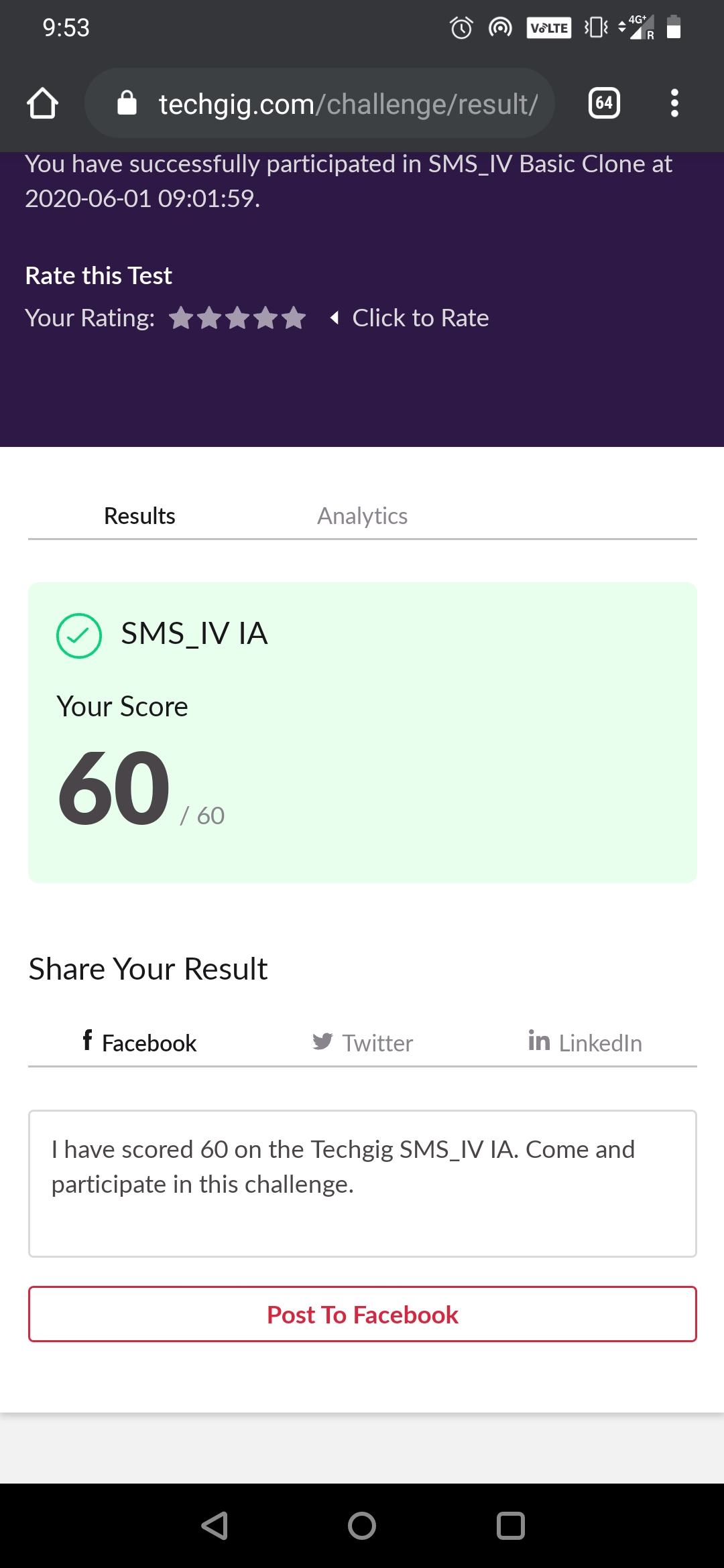
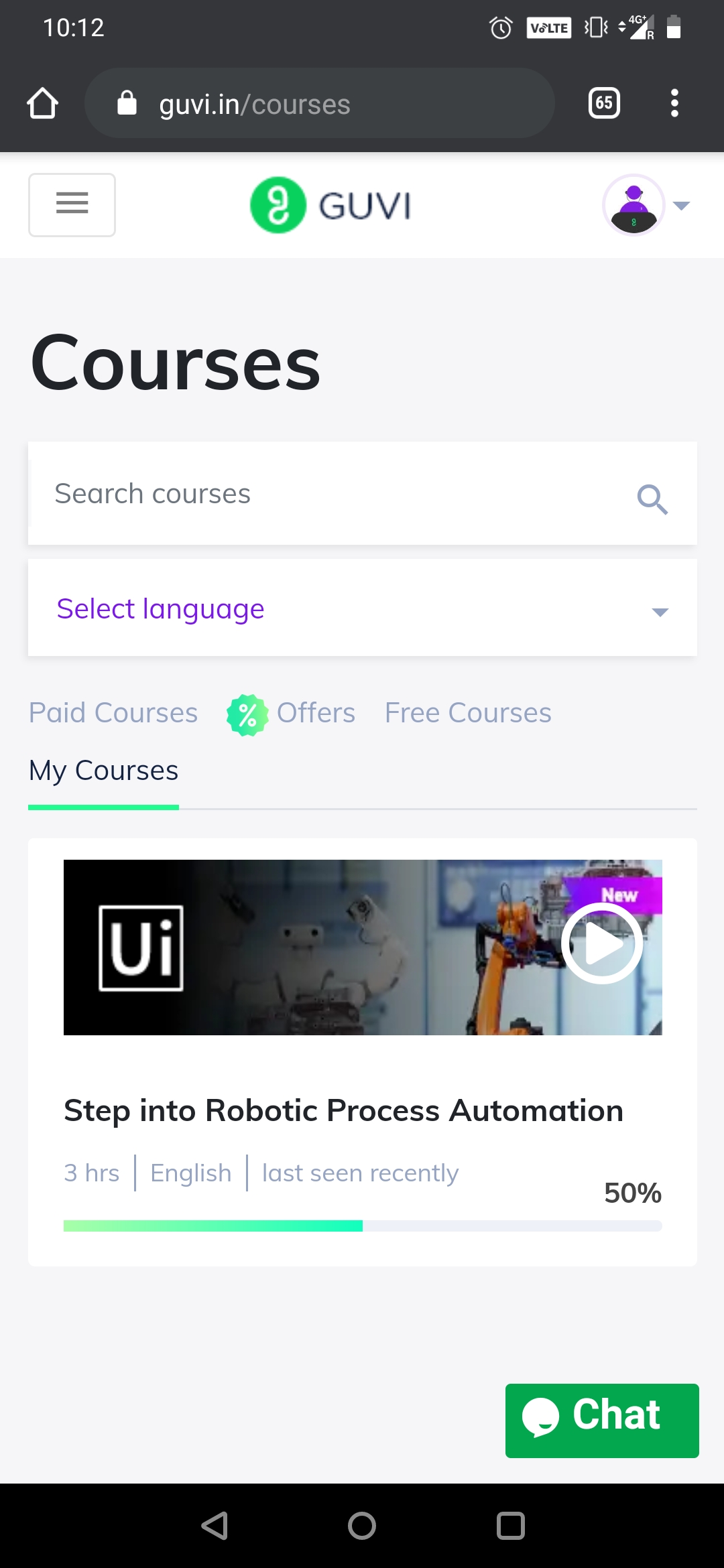
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **1/06/2020** | | | | **Name:** | **Syed Rabeya Aamir** | |
| **Sem & Sec** | **8th B** | | | | **USN:** | **4AL16CS112** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **SMS** | | | | | |
| **Max. Marks** | | **60** | | **Score** | | **60** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Step into Robotic Process Automation** | | | | | | |
| **Certificate Provider** | | | **Guvi** | **Duration** | | | **3 hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  **1) Write a C program to sort an array of integers in ascending or descending order and display the sorted array and number of passes while sorting** | | | | | | | |
| **Status: Solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **YES** | | | |
| **If yes Repository name** | | | | **rabeya** | | | |
| **Uploaded the report in slack** | | | | **YES** | | | |

**Online Test Details**:



**Certification Course Details:**



# CODE:

Program no:1

### **Write a C program to sort an array of integers in ascending or descending order and display the sorted array and number of passes while sorting**###

#include <stdio.h>

#define MAXSIZE 10

void main()

{

int array[MAXSIZE];

int i, j, num, temp;

printf("Enter the value of num \n");

scanf("%d", &num);

printf("Enter the elements one by one \n");

for (i = 0; i < num; i++)

{

scanf("%d", &array[i]);

}

printf("Input array is \n");

for (i = 0; i < num; i++)

{

printf("%d\n", array[i]);

}

/\* Bubble sorting begins \*/

for (i = 0; i < num; i++)

{

for (j = 0; j < (num - i - 1); j++)

{

if (array[j] > array[j + 1])

{

temp = array[j];

array[j] = array[j + 1];

array[j + 1] = temp;

}

}

}

printf("Sorted array is...\n");

for (i = 0; i < num; i++)

{

printf("%d\n", array[i]);

}

}