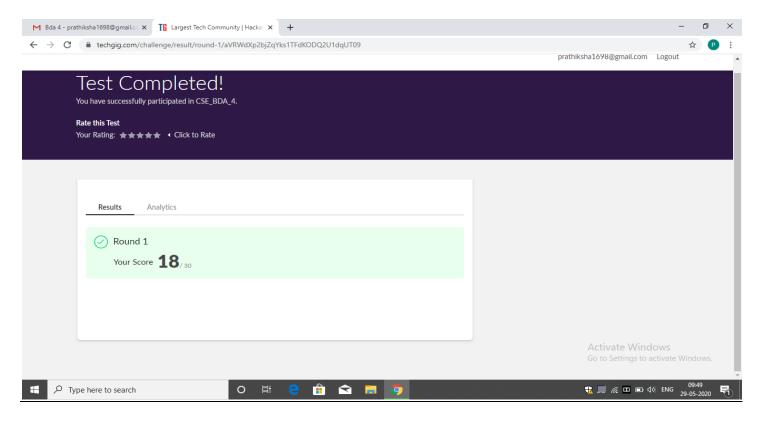
DAILY ONLINE ACTIVITIES SUMMARY

Date:	29/05/2020		Name:	Prathiksha		
Sem & Sec	8 th sem & B sec		USN:	4AL16	4AL16CS070	
Online Test Summary						
Subject Big Data Analytics (BDA)						
Max. Marks 30			Score 18			
Certification Course Summary						
Course Introduction To Hadoop						
Certificate Provider		Great Learning Academy	Duration		3.5hrs	
Coding Challenges						
Problem Statement:						
Bubble sort program in C.						
Status: Solved						
Uploaded the	report in	Github	Yes			
If yes Reposite	ory name		Prathiksha			
Uploaded the	report in	slack	Yes			

Online Test Details:



Test portion was 4st Module problems and theory.

Certification Course Details:



Topic: About Hadoop and YARN.

Coding Challenges Details:

Program 1:

In Bubble sort, each pass consists of comparison each element in the file with its successor (i.e. x[i] with x[i+1]) and interchanging two elements if they are not in the proper order. The array may be sorted in any pass. If the array is sorted, then remaining passes should be skipped off. 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.

```
#include <stdio.h>
void swap(int *xp, int *yp)
int temp = *xp;
*xp = *vp:
*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++){</pre>
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;
}
```