DAILY ONLINE ACTIVITIES SUMMARY

Date:	**29/05/2020**	**Name:**	**Safnaaz**
Sem & Sec	**8th B**	**USN:**	**4AL16CS081**

Online Test Summary

Subject	**BDA - 4**		
Max. Marks	**30**	**Score**	**16**

Certification Course Summary

Course	**Introduction To Hadoop**		
Certificate Provider	**Great Learning Academy**	**Duration**	**30 mins**

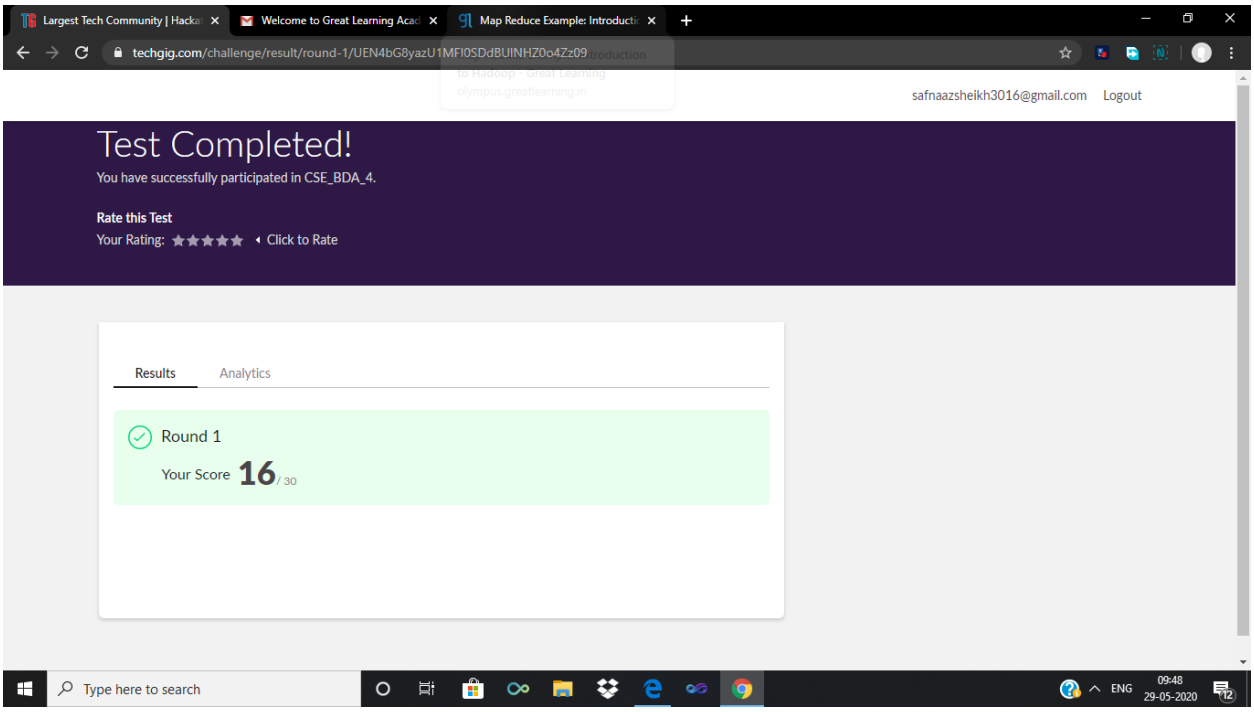
Coding Challenges

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	**Safnaazsheikh**
Uploaded the report in slack	**yes**

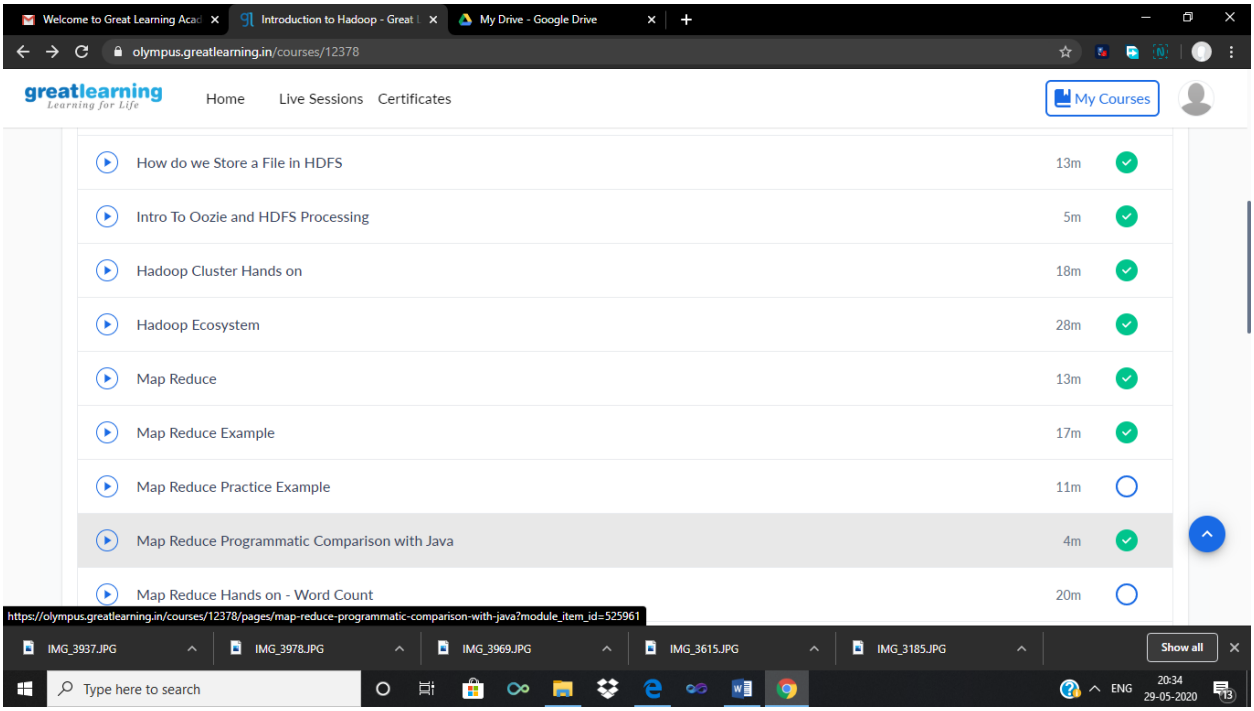
Online Test Details:



Certification Course Details:

What is Map Reduce?

Hadoop MapReduce (Hadoop Map/Reduce) is a software framework for distributed processing of large data sets on compute clusters of commodity hardware. It is a sub-project of the Apache Hadoop project. The framework takes care of scheduling tasks, monitoring them and re-executing any failed task.



Coding Challenges Details:

Program1:

Python program to convert Celsius to fahrenheit

```
#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++)
{
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++){
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;
}
```