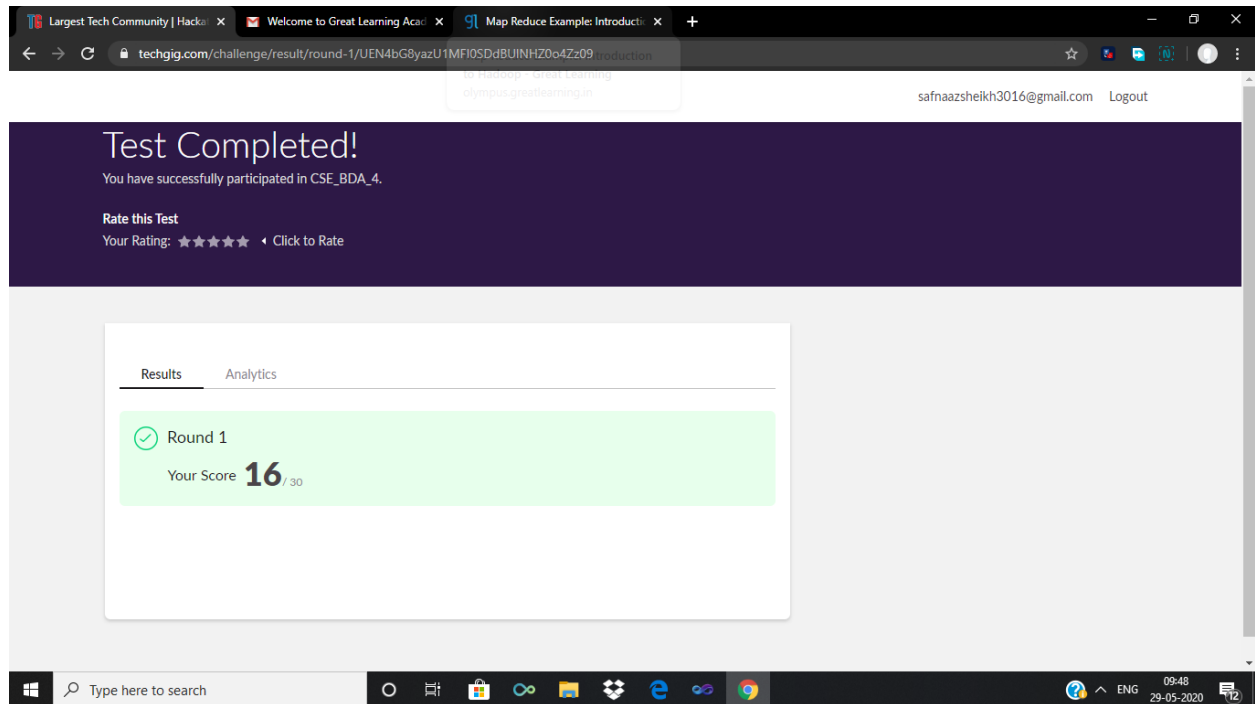


## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	29/05/2020	<b>Name:</b>	Safnaaz
<b>Sem &amp; Sec</b>	8 <sup>th</sup> B	<b>USN:</b>	4AL16CS081
<b>Online Test Summary</b>			
<b>Subject</b>	BDA - 4		
<b>Max. Marks</b>	30	<b>Score</b>	16
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction To Hadoop		
<b>Certificate Provider</b>	Great Learning Academy	<b>Duration</b>	30 mins
<b>Coding Challenges</b>			
<b>Problem Statement:</b> - 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.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		Safnaazsheikh	
<b>Uploaded the report in slack</b>		yes	

## Online Test Details:



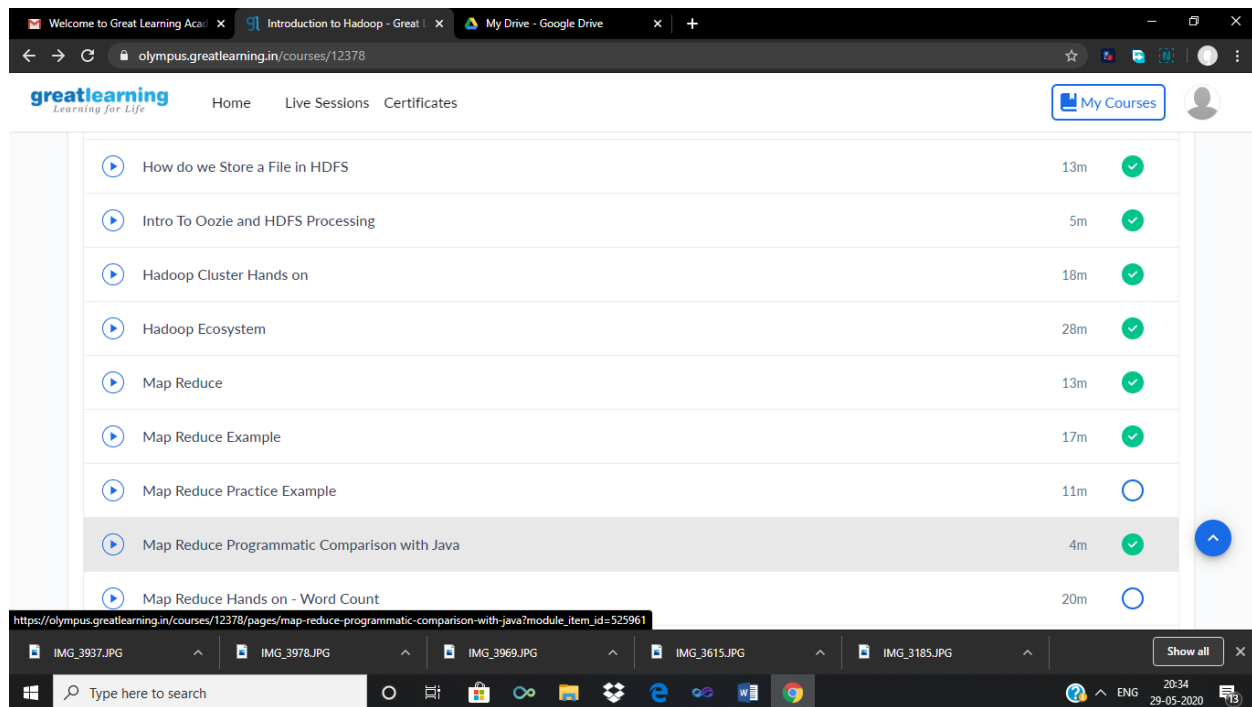
The screenshot displays a web browser window with the following details:

- Browser Tabs:** Largest Tech Community | Hacke..., Welcome to Great Learning Aca..., Map Reduce Example: Introducti...
- Address Bar:** techgig.com/challenge/result/round-1/UEN4bG8yazU1MF10SDd8UINH20c4Zz09...reduction...to Hadoop - Great Learning olympus.greatlearning.in
- User Profile:** safnaazsheikh3016@gmail.com Logout
- Test Completion Message:** Test Completed! You have successfully participated in CSE\_BDA\_4.
- Rating Section:** Rate this Test. Your Rating: ★★★★★ Click to Rate
- Results Section:** Round 1. Your Score 16 / 30
- Windows Taskbar:** Search bar (Type here to search), task icons (File Explorer, Edge, etc.), system clock (09:48, 29-05-2020).

## 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;  
}
```