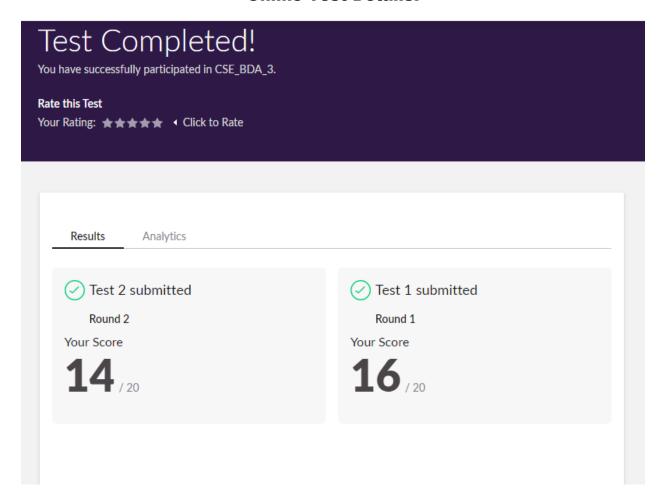
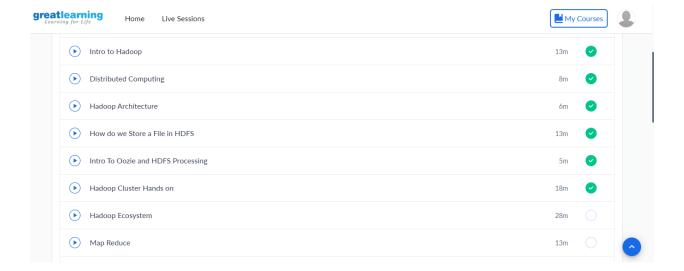
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	26-05-2020		Name:	Ainab		
Sem & Sec	VIII Sen	nester & A Section	USN:	4AL16CS004		
Online Test Summary						
Subject	bject Big Data Analytics					
Max. Marks	6 40		Score	30		
Certification Course Summary						
Course	Introduction to Hadoop					
Certificate Provider		Great Learning	Duration		4 Hours	
Coding Challenges						
Problem Statement: Program 1: Find no of sub-arrays, Program 2: Find permutation of the String.						
Status: COMPLETED						
Uploaded th	e report i	n Github	YES			
If yes Repos	itory nam	e	Ainab1704			
Uploaded th	e report i	n slack	YES	YES		

## **Online Test Details:**



## **Certification Course Details:**



## **Coding Challenges Details:**

```
Program1:
#include <stdio.h>
#include <string.h>
void swap (char *x, char *y)
{
  char temp;
  temp = *x;
  *x = *y;
  *y = temp;
}
void permute(char *a, int i, int n)
{
  int j;
  if (i == n)
     printf("%s\n", a);
  else {
    for (j = i; j \le n; j++)
     {
       swap((a + i), (a + j));
       permute(a, i + 1, n);
       swap((a + i), (a + j));
     }
  }
```

```
}
int main()
{
  char a[40];
  int n;
  printf("Enter a string: ");
  scanf("%s", a);
  n = strlen(a);
  printf("\nPermutaions:\n");
  permute(a, 0, n - 1);
  getchar();
  return 0;
}
Program 2:
#include <bits/stdc++.h>
using namespace std;
void cntArray(int A[], int N)
{
int result = 0;
int frequency[N + 1] = { 0 };
for (int i = 0; i < N; i++) {
frequency[A[i]]++;
}
```

```
for (int i = 1; i \le N; i++) {
int frequency_of_i = frequency[i];
result += +((frequency_of_i) * (frequency_of_i + 1)) /
2;
}
cout << result << endl;</pre>
}
int main()
{
int i,N=0,A[20];
cout<<"Enter no of elementd : ";</pre>
cin>> N;
for(i=0;i<N;i++)
cin>>A[i];
cntArray(A, N);
return 0;
}
```