DAILY ONLINE ACTIVITIES SUMMARY

Date:	26-05-2020	Name:	Ainab
Sem & Sec	VIII Semester & A Section	USN:	4AL16CS004

Online Test Summary

Subject	Big Data Analytics		
Max. Marks	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 the report in Github	YES
If yes Repository name	Ainab1704
Uploaded the report in slack	YES

Online Test Details:

Test Completed!
You have successfully participated in CSE_BDA_3.

Rate this Test
Your Rating: ★★★★★ ◀ Click to Rate

Results   Analytics

✓ Test 2 submitted

Round 2

Your Score

14 / 20

✓ Test 1 submitted

Round 1

Your Score

16 / 20

Certification Course Details:

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▶ Intro to Hadoop	13m	✓
▶ Distributed Computing	8m	✓
▶ Hadoop Architecture	6m	✓
▶ How do we Store a File in HDFS	13m	✓
▶ Intro To Oozie and HDFS Processing	5m	✓
▶ Hadoop Cluster Hands on	18m	✓
▶ Hadoop Ecosystem	28m	○
▶ Map Reduce	13m	○

Coding Challenges Details:

Program1:

```c
#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 <= n; j++)

      {

         swap((a + i), (a + j));

         permute(a, i + 1, n);

         swap((a + i), (a + j));

      }

   }
```

```c
}
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:

```cpp
#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]]++;
}
```

```cpp
for (int i = 1; i <= N; i++) {

int frequency_of_i = frequency[i];

result += +((frequency_of_i) * (frequency_of_i + 1)) /

2;

}

cout << result << endl;

}

int main()

{

int i,N=0,A[20];

cout<<"Enter no of elementd : ";

cin>> N;

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

cin>>A[i];

cntArray(A, N);

return 0;

}
```