

### DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	26/5/2020	<b>Name:</b>	Divya C H
<b>Sem &amp; Sec</b>	8 <sup>th</sup> Sem	<b>USN:</b>	4AL16CS033
<b>Online Test Summary</b>			
<b>Subject</b>	Big Data Analytics		
<b>Max. Marks</b>	Round 1:20 Round 2:20	<b>Score</b>	Round 1:18 Round 2:14
<b>Certification Course Summary</b>			
<b>Course</b>	jQuery for Absolute Beginners : From Beginning to Advanced		
<b>Certificate Provider</b>	Udemy.com	<b>Duration</b>	2.3hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1)Write a program in C to print all permutations of a given string using pointers 2)Given an array A of size N where the array elements contain values from 1 to N with duplicates, the task is to find total number of subarrays which start and end with the same element.			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Daily_report	
<b>Uploaded the report in slack</b>		yes	

## Online TestDetails:

### Round 1:

The screenshot shows a Gmail interface with the following details:

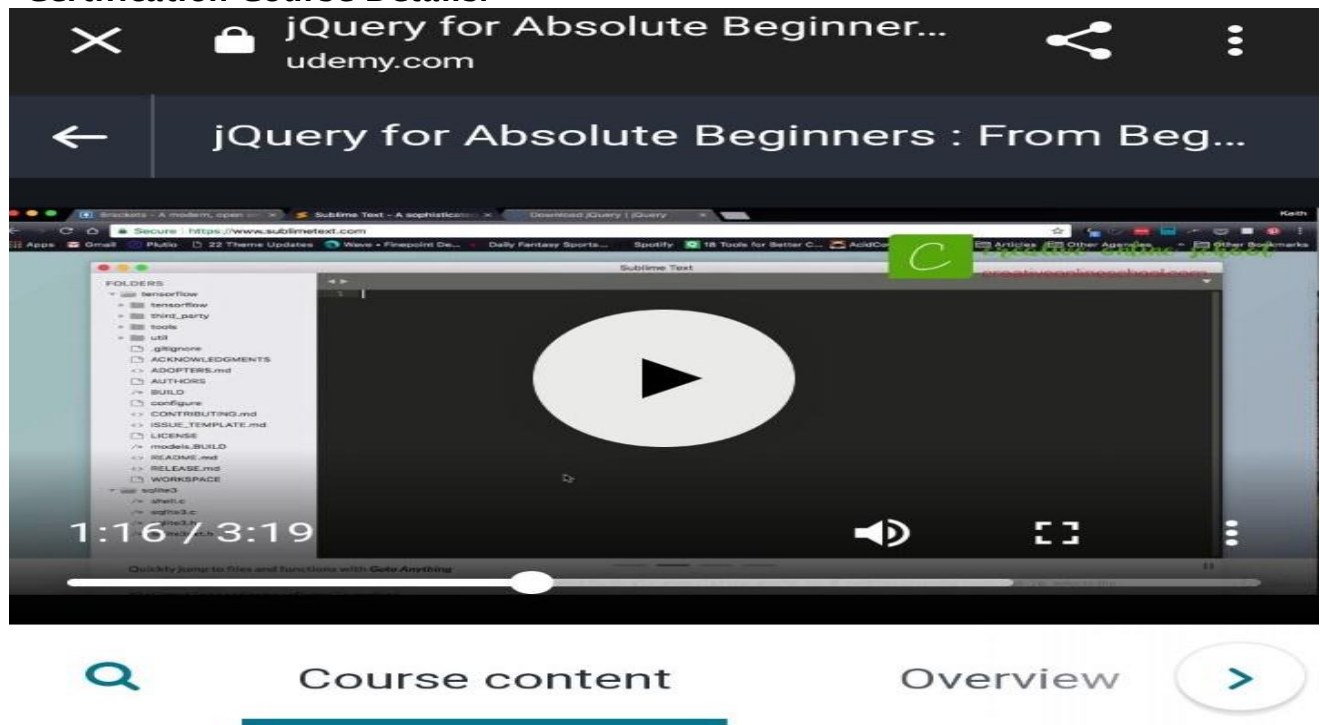
- Browser Tabs:** विष्णुमित्र की कथा भाग 15 - मुकेश, Telegram Web, Slack | 1 cse\_final\_year\_2019\_20, divyach98/Online\_Coding, Divya C H, your Round 1 result.
- URL:** mail.google.com/mail/u/0/?tab=rm#inbox/FMfcgxwHNWfXZBVfQdgNcnWSflnWFMxZ
- Search Bar:** Search mail
- Left Sidebar:**
  - Compose
  - Inbox (1,796)
  - Starred
  - Snoozed
  - Sent
  - Drafts (17)
  - More
  - Meet (New)
    - Start a meeting
    - Join a meeting
  - Chat
    - divya
    - Gagana
- Email Header:** Divya C H, your Round 1 result is ready (Inbox x)
- Sender:** TechGig <user@techgig.com> (Unsubscribe to me)
- Date:** Tue, May 26, 9:45 AM (1 day ago)
- Body:**
  - TECHGIG logo
  - Hi Divya C H,
  - You have scored **18 marks** in Round 1.
  - Next Up: Round 2 (Multiple Choice)**
  - Objective: The objective of this round is to screen students on the basis of their domain proficiency
  - [Start Round 2](#)
  - About The Assessment
    - CSE\_BDA\_3
    - Round 1 ends on: 26 May, 2020

### Round 2:

The screenshot shows a Gmail interface with the following details:

- Browser Tabs:** विष्णुमित्र की कथा भाग 15 - मुकेश, Telegram Web, Slack | 1 cse\_final\_year\_2019\_20, divyach98/Online\_Coding, Divya C H, your Round 2 result.
- URL:** mail.google.com/mail/u/0/?tab=rm#inbox/FMfcgxwHNWfXZCgQrgntxBjxvHsVPZdJ
- Search Bar:** Search mail
- Left Sidebar:**
  - Compose
  - Inbox (1,796)
  - Starred
  - Snoozed
  - Sent
  - Drafts (17)
  - More
  - Meet (New)
    - Start a meeting
    - Join a meeting
  - Chat
    - divya
    - Gagana
- Email Header:** Divya C H, your Round 2 result is ready (Inbox x)
- Sender:** TechGig <user@techgig.com> (Unsubscribe to me)
- Date:** Tue, May 26, 10:15 AM (1 day ago)
- Body:**
  - TECHGIG logo
  - Hi Divya C H,
  - You have scored **14 marks** in Round 2.
  - [See Assessment](#)
  - About The Assessment
    - CSE\_BDA\_3
    - Round 2 ends on: 26 May, 2020
  - Warm Regards,

## Certification Course Details:



## Coding Challenges Details:

### Program 1:

```
#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));
```

```
        }
```

```
    }
```

```
}
```

```
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 <= N; i++) {
```

```

        int frequency_of_i = frequency[i];
        result += ((frequency_of_i) * (frequency_of_i + 1)) /
2;

    }
    cout << result << endl;

}

int main()
{
    /*int A[] = { 1, 5, 6, 1, 9, 5, 8, 10, 8, 9 };
    int N = sizeof(A) / sizeof(int); */
    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;

}

```

