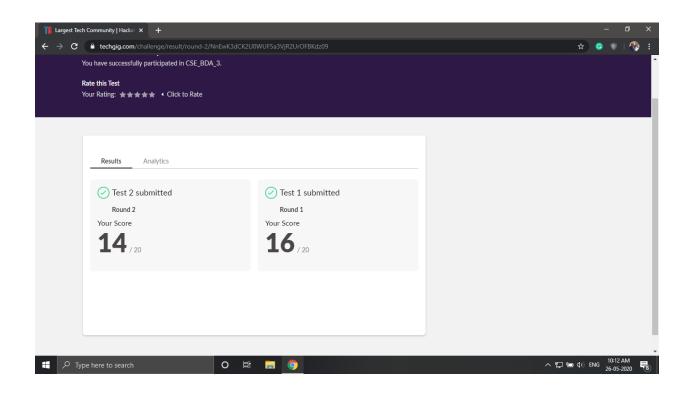
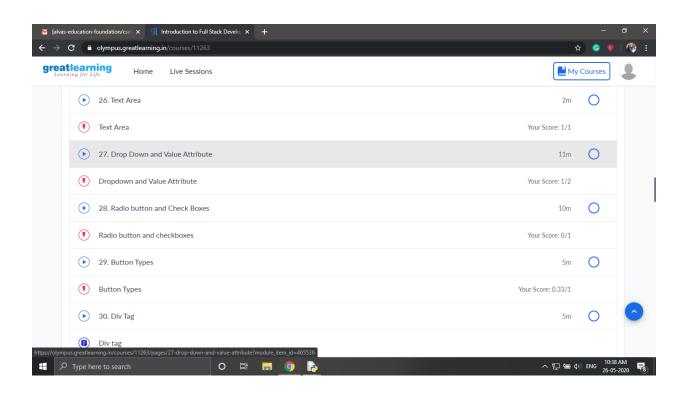
DAILY ONLINE ACTIVITIES SUMMARY

Date:	26-05-2020		Name:	Nayan. P. Joshi		
Sem & Sec	8 th Sem A		USN:	4AL16CS058		
Online Test Summary						
Subject	Big Da	ta Analytics				
Max. Marks	40		Score	30		
Certification Course Summary						
Course	Course Introduction to Full Stack Development					
Certificate Provider		Great learning academy	Duration		60hrs	
Coding Challenges						
Problem Statement: Write a program in C to print all permutations of a given						
string using pointers						
Status: Solved						
Uploaded the report in GitHub			yes			
If yes Repository name			nayan1998			
Uploaded th	e report i	n slack	yes			





Write a program in C to print all permutations of a given string using pointers

```
#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)); //backtrack
     }
```

```
}

int main()

{
    char a[20];
    int n;
    printf("Enter a string: ");
    scanf("%s", a);
    n = strlen(a);
    printf("Permutaions:\n");
    permute(a, 0, n - 1);
    getchar();
    return 0;
}
```