

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	26/05/2020	<b>Name:</b>	Divyashree Naik
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem A	<b>USN:</b>	4AL16CS034
<b>Online Test Summary</b>			
<b>Subject</b>	Big Data Analytics		
<b>Max. Marks</b>	40	<b>Score</b>	40
<b>Certification Course Summary</b>			
<b>Course</b>	Computer literacy program on fundamentals of computing and information technology.		
<b>Certificate Provider</b>	Great Learning	<b>Duration</b>	1 week
<b>Coding Challenges</b>			
<b>Problem Statement:</b> C program to print all permutations of a given string using pointers.			
<b>Status:</b> Complete			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Alvas-Report	
<b>Uploaded the report in slack</b>		Yes	

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techgig.com/challenge/result/round-2/WWUrFU1N0NUc3YvS3hYNEF3OTA5dz09

divyashree.naik@gmail.com Logout

## 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

**20** / 20

Test 1 submitted

Round 1

Your Score

**20** / 20

### Online Certification:



## Coding Challenge

The screenshot shows the Code::Blocks IDE with a C program named `May26Prg1.c`. The program implements a recursive function `permute` to generate all permutations of a string. The code is as follows:

```
1 #include <stdio.h>
2 #include <string.h>
3
4 /* Function to swap values at two pointers */
5 void swap (char *x, char *y)
6 {
7     char temp;
8     temp = *x;
9     *x = *y;
10    *y = temp;
11 }
12
13 /* End of swap() */
14
15 /* Function to print permutations of string */
16 void permute(char *a, int i, int n)
17 {
18     int j;
19     if (i == n)
20         printf("%s\n", a);
21     else {
22         for (j = i; j <= n; j++)
```

The output window shows the execution of the program. It prompts the user to "Enter a string: abcd" and then displays the following permutations:

```
Permutaions:
abcd
abdc
acbd
acdb
adcb
adbc
bacd
badc
bcad
bcda
bdca
bdac
cbad
cbda
cabd
cadb
cdab
cdba
dbca
dbac
dcba
dcab
dabc
```

The status bar at the bottom indicates the current line is 10, column 2, position 158.