

DAILY ONLINE ACTIVITIES SUMMARY

Date:	05/06/2020	Name:	Divyashree Naik
Sem & Sec	8th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	Big Data Analytics		
Max. Marks	30	Score	27
Certification Course Summary			
Course	Statistical Learning		
Certificate Provider	Great Learning	Duration	2.5 hrs
Coding Challenges			
Problem Statement: C program to find the frequency of characters in a string			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

techgig.com/challenge/result/round-1/QnN3cElzcGZDZTM3TVlaVXVWUGtYZz09

divyashree.naik@gmail.com Logout

Test Completed!

You have successfully participated in CSE_BDA_5.

[Window Snip](#)

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Results Analytics

Round 1

Your Score **27** / 30

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CONTENT ASSESSMENTS

Learning Videos

▶ Agenda	1m	✓
▶ Case study on statistics and Probability Theory	5m	✓
▶ Solution for case study	14m	✓
▶ Introduction to Probability	17m	✓
▶ Rules for Probability calculation	1h	✓
▶ Bayes' Theorem	15m	✓
▶ Normal Distribution	33m	✓

Coding Challenge:

The screenshot displays the Code::Blocks IDE with a C program named `JuneSPrg.c` open. The program is designed to count the frequency of characters in a string. The code includes `<stdio.h>` and `<string.h>`, and uses `gets` to read input, a loop to count frequencies, and `printf` to display the results.

```
1 #include <stdio.h>
2 #include <string.h>
3
4 int main()
5 {
6     char str[100];
7     int i;
8     int freq[256] = {0};
9     printf("Enter a string\n");
10    gets(str);
11    for(i = 0; str[i] != '\0'; i++)
12    {
13        freq[str[i]]++;
14    }
15    for(i = 0; i < 256; i++)
16    {
17        if(freq[i] != 0)
18        {
19            printf("%c %d\n", i, freq[i]);
20        }
21    }
22 }
```

The output window shows the execution of the program. It prompts the user to "Enter a string" and receives the input "hello". The output then displays the frequency of each character: 'e' 1, 'h' 1, 'l' 2, and 'o' 1. The process returned 0 (0x0) and the execution time was 7.607 s.

The status bar at the bottom indicates the current file is `C/C++`, the window is `Windows (CR+LF)`, and the cursor is at `Line 9, Col 32, Pos 147`.