

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/07/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	---		
Max. Marks	---	Score	---
Certification Course Summary			
Course	Data Structures in C		
Certificate Provider	Great Learning	Duration	2hrs
Coding Challenges			
Problem Statement: C program to check whether a number can be expressed as a sum of two prime numbers			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

Online certification:

The screenshot shows the Great Learning website interface. The top navigation bar includes links for Home, Browse Courses, Premium Courses, Live Sessions, and Certificates. A 'My Courses' button and a user profile icon are on the right. The main content area features a course card for 'Data Structures in C' with a 'Course In Progress' status. Below the course card, there are two tabs: 'CONTENT' and 'ASSESSMENTS'. Under the 'CONTENT' tab, a section titled 'Learning Videos' lists five videos with their durations and completion status:

Video Title	Duration	Status
Array	19m	Completed (Green Checkmark)
Linked List	12m	Completed (Green Checkmark)
Stack	13m	Not Completed (Empty Circle)
Queue	10m	Not Completed (Empty Circle)
Binary Tree and Binary Search Tree	16m	Not Completed (Empty Circle)

Coding Challenge:

The screenshot shows the Code::Blocks IDE with a C program for checking if a number can be expressed as the sum of two primes. The code is as follows:

```
21 //function to check if a number is prime
22
23 if (flag == 0)
24     printf("%d cannot be expressed as sum of two primes\n", n);
25
26 return 0;
27
28
29 //function to check if a number is prime
30 int sum_of_two_primes(int n)
31 {
32     int i, isPrime = 1;
33     for(i = 2; i <= n/2; ++i)
34     {
35         if(n % i == 0)
36         {
37             isPrime = 0;
38             break;
39         }
40     }
41     return isPrime;
42 }
```

The output window shows the execution results for the input number 32:

```
Enter the number: 32
32 can be expressed as the sum of 3 and 29
32 can be expressed as the sum of 13 and 19
Process returned 0 (0x0)   execution time : 4.718 s
Press any key to continue.
```

The bottom status bar shows the file path 'F:\Engg\8sem\July23Prg.c', the language 'C/C++', and the window title 'Windows (CR+LF) default'. The status bar also indicates the current line and column: 'Line 42, Col 2, Pos 678'.