

DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/05/2020	Name:	Pramod R
Sem & Sec	4 th sem B section	USN:	4AL18CS059
Online Test Summary			
Subject	Data Communication		
Max. Marks	30	Score	26
Certification Course Summary			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	4 weeks
Coding Challenges			
Problem Statement: Triangular number series a triangular number or triangle number count the objects that can form an equilateral triangle. The nth triangle number is the no. of dots or balls in a triangle with n dots on a side: it is the sum of the n natural numbers			
Status: Completed			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Pramod_R	
Uploaded the report in slack		YES	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a web browser window displaying the TechGig online test result page. The browser's address bar shows the URL: techgig.com/challenge/dc18cs46ia1?utm_source=Mailer&utm_medium=TG_batch&utm_campaign=Act_contestskilltestresult_2020.... The page features a header with a "Logout" link. Below the header, there is a banner for the "Challenge Over" by TechGig, specifically for "DC 18CS46 IA1". The main content area is divided into two columns. The left column displays the test details for "DC IA1 MCQ", showing a "Your Highest Score" of 26 and a "Max Score" of 30. It includes a "Question Summary" stating the objective is to screen students on domain proficiency and a "Start Test" button. The right column shows a "Summary" table with the following data:

Summary	
Skills	Data Communication
Ends On	23 May

Below these columns, there is a "Details" tab selected, showing instructions for the test. The instructions are:

- 1. Test should be taken in Full Screen only. Any attempt to exit from screen will submit the test automatically.
- 2. Only one attempt will be provided.
- 3. Answers and questions both will be shuffled.
- 4. Answer the question as per your screen.
- 5. Students who are taking up test in mobile, make sure you will not pick any call during the test or click on any

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates a battery level of 74%, network status, and the date and time as 17:23 on 24-05-2020.

Data Communication Internals was conducted. A total of 30 questions were there in which all the 30 of them were Multiple Choice Questions.

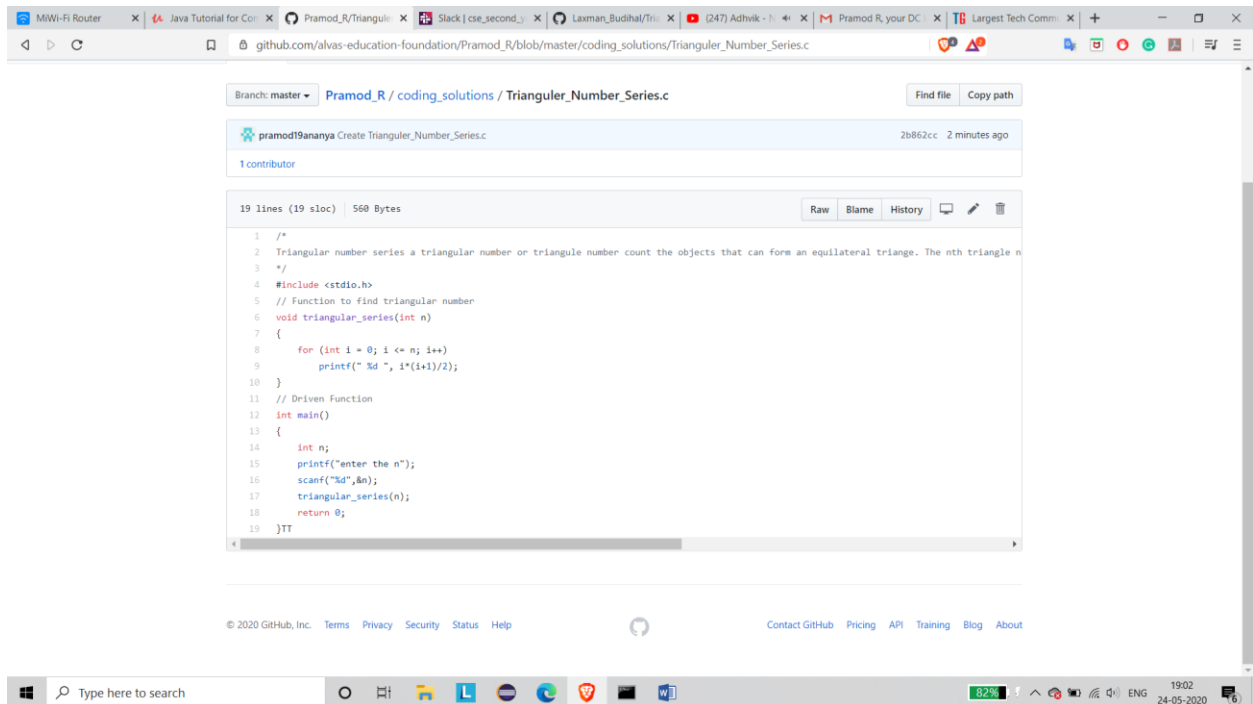
The above snapshot is the result sheet which was mailed to us by the Techgig team

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows the Coursera interface for the 'Blockchain Basics' course, specifically the 'Beyond Bitcoin' section of Week 1. The top navigation bar includes the Coursera logo, an 'Explore' button, a search bar with the placeholder 'What do you want to learn?', a notification bell, and a user profile for 'Pramod R'. The breadcrumb trail indicates the path: 'Blockchain Basics > Week 1 > Beyond Bitcoin'. On the left, a sidebar lists the course structure: 'Blockchain', 'Bitcoin & Blockchain', 'Blockchain Structure', 'Basic Operations', and 'Beyond Bitcoin'. Under 'Beyond Bitcoin', there are three items: a video titled 'Video: Beyond Bitcoin' (3 min), a reading titled 'Reading: (OPTIONAL) Resources: Beyond Bitcoin' (18 min), and a practice quiz titled 'Practice Quiz: Self-Check' (1 question). The main content area is titled 'Beyond Bitcoin' and features a video player. The video shows a woman in a red sweater speaking, with a subtitle that reads: 'You can also create new coin digital currency by modifying the Bitcoin code.' Below the video player are buttons for 'Save Note', 'Discuss', and 'Download'. On the right side of the video player, there are icons for 'Like', 'Comment', and 'Share'.

The course I have chosen during the lockdown period is Blockchain basics. Since I had previously knew few topics about bitcoin I am continuing this course. Since Blockchain is gaining a lot interest in the IT Sector I have preferred to choose this course.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the



The screenshot shows a web browser displaying a GitHub repository page. The browser's address bar shows the URL: `github.com/alvas-education-foundation/Pramod_R/blob/master/coding_solutions/Triangler_Number_Series.c`. The repository name is `Pramod_R / coding_solutions / Triangler_Number_Series.c`. The file was created by `pramod19ananya` 2 minutes ago. The file contains 19 lines of C code, which is displayed in a code editor. The code is as follows:

```
1  /*
2  Triangular number series a triangular number or triangle number count the objects that can form an equilateral triangle. The nth triangle n
3  */
4  #include <stdio.h>
5  // Function to find triangular number
6  void triangular_series(int n)
7  {
8      for (int i = 0; i <= n; i++)
9          printf(" %d ", i*(i+1)/2);
10 }
11 // Driven Function
12 int main()
13 {
14     int n;
15     printf("enter the n");
16     scanf("%d",&n);
17     triangular_series(n);
18     return 0;
19 }
```

The code is a C program that calculates and prints the triangular numbers for a given input `n`. The program includes a header file `<stdio.h>` and defines a function `triangular_series` that takes an integer `n` as input and prints the triangular numbers for each value from 0 to `n`. The main function prompts the user to enter a value for `n` and calls the `triangular_series` function.

The question I took to code is:

Triangular number series a triangular number or triangle number count the objects that can form an equilateral triangle. The nth triangle number is the no. of dots or balls in a triangle with n dots on a side: it is the sum of the n natural numbers

Solution: The above snapshot is the code which I have uploaded in my Github repository