

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	04/06/2020	<b>Name:</b>	Pramod R
<b>Sem &amp; Sec</b>	4 <sup>th</sup> sem B section	<b>USN:</b>	4AL18CS059
<b>Online Test Summary</b>			
<b>Subject</b>	Microcontroller and Embedded Systems		
<b>Max. Marks</b>	20	<b>Score</b>	16
<b>Certification Course Summary</b>			
<b>Course</b>	Blockchain Basics		
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a C++ program to find the missing number in array			
<b>Status:</b> Completed			
<b>Uploaded the report in Github</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a>	
<b>Uploaded the report in slack</b>		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 for 'MES-TEST3'. The browser's address bar shows the URL: [techgig.com/challenge/66qoh8gqamtz2dl?utm\\_source=Mailer&utm\\_medium=TG\\_batch&utm\\_campaign=Act\\_contestskilltestresult\\_2020...](https://techgig.com/challenge/66qoh8gqamtz2dl?utm_source=Mailer&utm_medium=TG_batch&utm_campaign=Act_contestskilltestresult_2020...). The page features a header with a 'Logout' link and a banner for 'Challenge Over by TechGig MES-TEST3'. Below the banner, there are two main sections: 'MCQ' and 'Summary'. The 'MCQ' section displays 'Your Highest Score 16' and 'Max Score 20', along with a 'Question Summary' stating 'To make the students to understand the MES Basics' and a 'Start Test' button. The 'Summary' section shows 'Skills Basics Of Embedded Systems' and 'Ends On 04 Jun'. Below these sections, there are tabs for 'Details', 'Winners', 'FAQs', and 'My Submission'. The 'Details' tab is active, showing 'Rules' with four points: 1. Any participant can attempt the assessment only 1 times, Only your best score counts!! 2. There will be no negative marking. 3. Time duration is 30 minutes. 4. In case your session expires before finishing the test, you can re-take the test. Your test will resume from where you left off...and the total time will resume by the duration of your previous attempt. The Windows taskbar at the bottom shows the search bar, task view button, and several open applications, with the system clock indicating 17:19 on 04-06-2020.

Logout

Challenge Over  
by TechGig  
**MES-TEST3**

**MCQ**  
Your Highest Score 16 Max Score 20  
Question Summary To make the students to understand the MES Basics  
Start Test

**Summary**  
Skills Basics Of Embedded Systems  
Ends On 04 Jun

Details Winners FAQs My Submission

**Rules**

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**MicroController and Embeded Systems** internals was conducted. A total of 20 questions were there in which all the 20 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 course interface for 'Blockchain Basics'. The top navigation bar includes the Coursera logo, an 'Explore' button, a search bar with the placeholder 'What do you want to learn?', and a user profile icon for 'Pramod R'. Below the navigation bar, the course path is displayed as 'Blockchain Basics > Week 3 > Securing Blockchain'. The left sidebar lists the course topics: 'Public-Key Cryptography', 'Hashing', 'Transaction Integrity', and 'Securing Blockchain'. Under 'Securing Blockchain', there are three items: a video titled 'Video: Securing Blockchain' (4 min), a reading titled 'Reading: (OPTIONAL) Resources: Securing Blockchain' (10 min), and a practice quiz titled 'Practice Quiz: Self-Check' (4 questions). The main content area is titled 'Securing Blockchain' and features a video player. The video shows a woman in a red sweater speaking, with the subtitle 'Private public key pair and hashing are'. Below the video player are buttons for 'Save Note', 'Discuss', and 'Download', along with social media sharing icons.

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 following)

**The question I took to code is:**

Given an array C of size N-1 and given that there are numbers from 1 to N with one element missing, the missing number is to be found.

**Input:**

The first line of input contains an integer T denoting the number of test cases. For each test case first line contains N(size of array). The subsequent line contains N-1 array elements.

**Output:**

Print the missing number in array.

**Constraints:**

$$1 \leq T \leq 200$$

$$1 \leq N \leq 10^7$$

$$1 \leq C[i] \leq 10^7$$

Example:

Input:

1

5

1 2 3 5

Output:

4

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