

DAILY ONLINE ACTIVITIES SUMMARY

Date:	17-06-2020	Name:	ASHIKA
Sem & Sec	6 th - A	USN:	4AL17CS016
Online Test Summary			
Subject	Programming in C		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Workshop on “Applications of Python Programming in DA and ML”		
Certificate Provider	-	Duration	-
Coding Challenges			
Problem Statement:2 Java programs			
Status: executed			
Uploaded the report in GitHub		Yes	
If yes Repository name		https://github.com/ASHIKA-05/DAILY-REPORT	
Uploaded the report in slack		Yes	

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

Programming in C

The screenshot shows a Google Forms interface for a quiz titled "Quiz-4". The form is displayed in a web browser window. At the top, the title "Quiz-4" is shown in a large font, followed by "Total points 5/5" and a question mark icon. Below the title, there are two text input fields. The first field is labeled "NAME *" and contains the text "Preethi". The second field is labeled "USN *" and contains the text "4AL17CS065". Below these fields, there is a question box with a green checkmark icon and the text "What is the output for the following program? *". To the right of the question box, it says "1/1". The browser's address bar shows the URL "docs.google.com/forms/d/e/1FAIpQLScI7CBJZMGBfcsWzycjBxU85oiYH9x_jiFTv311UcKH3ZeJHQ/viewscore?viewscore=AE0zAgB6Jz1p1wxTBQmF4DcciqS8B6fHW...". The Windows taskbar is visible at the bottom of the screen.

The screenshot shows a TechGig challenge result page. The page has a dark purple header with the text "Test Completed!" and "You have successfully participated in C- operators and storage class." Below the header, there is a section for "Rate this Test" with a rating of "Your Rating: ★★★★★" and a "Click to Rate" button. The main content area is divided into two tabs: "Results" and "Analytics". The "Results" tab is active, showing a green box with a checkmark icon and the text "MCQ". Below this, it says "Your Score 5 / 15". The browser's address bar shows the URL "techgig.com/challenge/result/mcq/ZDQvTU4rRk8yMTlaVGVaVEFhbEVlZz09". The Windows taskbar is visible at the bottom of the screen.

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

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Sources of Big Data and the role of Compression". The slide content includes:

- Real Time Data Sources:** Text Data, Image Data, Audio Data, Video Data.
- Data Compression:** A central process box.
- Data Processing:** A box receiving input from Data Compression.
- Data Archiving:** A box receiving input from Data Compression.
- Benefits:**
 - 1. Low Bandwidth while Data Transmission
 - 2. Less Space while Data Archiving

The right sidebar shows a list of participants: Dr. Mohammed Ja..., merlyn mathias, sushmitha dinesh, jaidithya r, SAHANA C SAHANA, Krishna Pai, Rachana Shetty, and Suchetra Hegde. A small video feed of a participant is visible at the bottom right.

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

Program 1

This is output of java program to find the row, column position of a specified number (row, column position) in a given 2-dimensional array.

The screenshot shows an online Java compiler interface (OnlineGDB). The code in the editor is as follows:

```
14 for(j=0;j<col;j++)
15     m[i][j]=sc.nextInt();
16 System.out.println("Enter the element whose position has to be found ");
```

The input section shows the following user input:

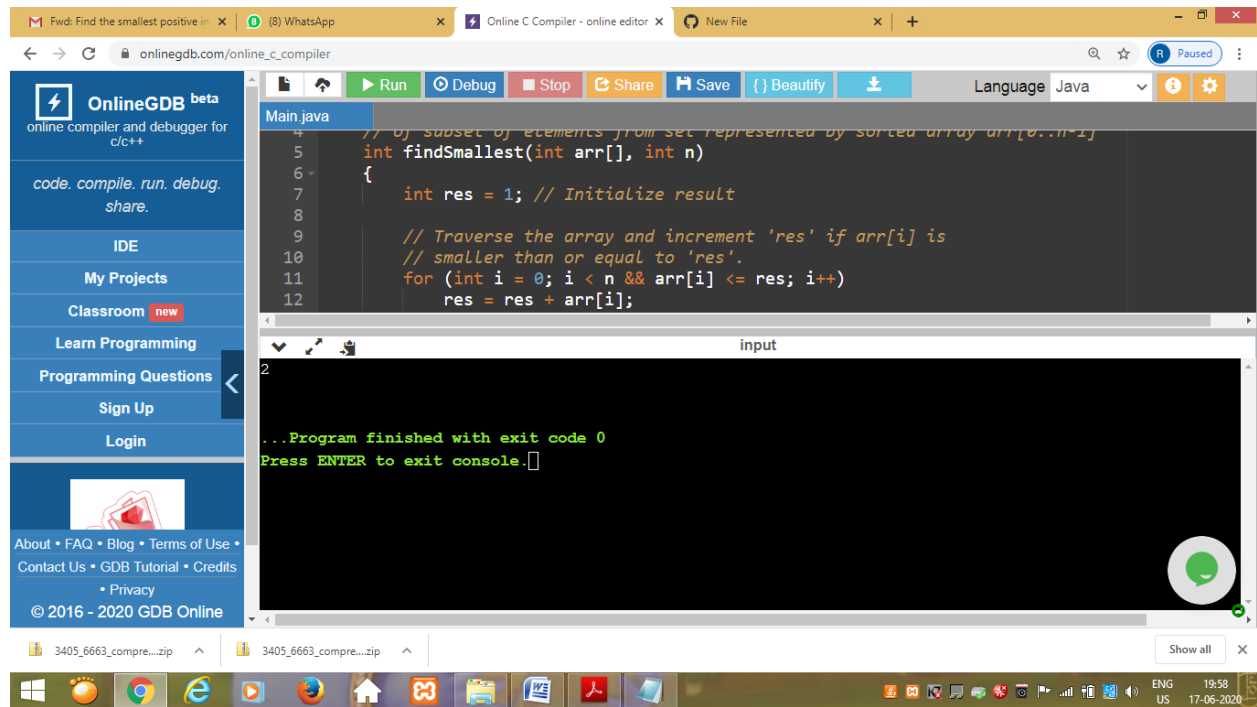
```
Enter the row size
3
Enter the column size
2
Enter the matrix elements
12 41
50 36
7 15
Enter the element whose position has to be found
50
Row: 2 Column: 1
```

The output section shows the program's execution result:

```
...Program finished with exit code 0
Press ENTER to exit console.
```

Program 2

This is the output of java program to find the smallest positive integer value that cannot be represented as sum of any subset of a given array sorted in ascending order.



The screenshot shows the OnlineGDB beta online compiler interface. The left sidebar contains navigation links: code, compile, run, debug, share, IDE, My Projects, Classroom (new), Learn Programming, Programming Questions, Sign Up, and Login. The main editor displays a Java program named 'Main.java' with the following code:

```
// 0/ subset of elements from set represented by sorted array arr[0..n-1]
5 int findSmallest(int arr[], int n)
6 {
7     int res = 1; // Initialize result
8
9     // Traverse the array and increment 'res' if arr[i] is
10    // smaller than or equal to 'res'.
11    for (int i = 0; i < n && arr[i] <= res; i++)
12        res = res + arr[i];
```

The 'input' window shows the program's output: "...Program finished with exit code 0" and "Press ENTER to exit console." The bottom status bar indicates the program was compiled on 17-06-2020 at 19:58.

Workshop on “Applications of Python Programming in DA and ML”

Today's exercise uploaded in :- <https://github.com/ASHIKA-05/workshop-ML-and-python>