

DAILY ONLINE ACTIVITIES SUMMARY

Date:	10/06/2020	Name:	Divyashree Naik
Sem & Sec	8 th sem A	USN:	4AL16CS034
Online Test Summary			
Subject	---		
Max. Marks	---	Score	---
Certification Course Summary			
Course	Java Programming		
Certificate Provider	Great Learning	Duration	3.5 hrs
Coding Challenges			
Problem Statement: C program to print the sum of boundary elements of a matrix			
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 for the 'Java Programming' course. The course is marked as 'Course In Progress'. The 'CONTENT' tab is active, displaying a list of learning videos:

Video Title	Duration	Status
Agenda	51s	Completed
What is java	1m	Completed
Install Java & Java IDE	5m	Completed
First Java Program	3m	Completed
Variables and Data Types	6m	In Progress

Coding Challenge:

The screenshot shows a C++ code editor with the following code:

```
28 {
29     if(j == 0 || j == n-1)
30         printf("%d ", arr[i][j]);
31     }
32     for(j = 0; j < n; j++)
33         printf("%d ", arr[m-1][j]);
34
35     //---CALCULATING SUM---
36     for(j = 0; j < n; j++)
37         sum += arr[0][j];
38     for(i = 1; i < m - 1; i++)
39         for(j = 0; j < n; j++)
40         {
41             if(j == 0 || j == n-1)
42                 sum += arr[i][j];
43         }
44     for(j = 0; j < n; j++)
45         sum += arr[m-1][j];
46
47     printf("\nThe sum of boundary elements of the matrix is: %d\n", sum);
48 }
```

The output of the program is displayed in the console:

```
Enter M rows and N columns: 4 5
Enter the elements:
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20
The input matrix is:
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
The boundary elements are: 1 2 3 4 5 6 10 11 15 16 17 18 19 20
The sum of boundary elements of the matrix is: 147
Process returned 51 (0x33)   execution time : 30.961 s
Press any key to continue.
```

The status bar at the bottom indicates the file is C/C++, the editor is Windows (CR+LF), and the current position is Line 47, Col 15, Pos 1140.