

DAILY ONLINE ACTIVITIES SUMMARY

Date:	10-06-2020	Name:	Deepika K V
Sem & Sec	8 th sem 'A' sec	USN:	4AL16CS030
Online Test Summary			
Subject	---		
Max. Marks	--	Score	--
Certification Course Summary			
Course	Getting Started:Hadoop		
Certificate Provider	GreatLearning	Duration	5.5 hrs
Coding Challenges			
Problem Statement: Write a C program to print sum of boundary elements of a matrix.			
Status: SUBMITTED			
Uploaded the report in Github		YES	
If yes Repository name		Codes	
Uploaded the report in slack		YES	

Online test details:

Certification Course Details:



Coding Challenge:

```
#include<stdio.h>
```

```
void main()
{
    int arr[10][10], i, j, m, n, sum = 0;

    printf("Enter M rows and N columns: ");
    scanf("%d%d", &m, &n);

    printf("Enter the elements:\n");
    for(i = 0; i < m; i++)
        for(j = 0; j < n; j++)
            scanf("%d", &arr[i][j]);

    printf("The input matrix is:\n");
    for(i = 0; i < m; i++)
    {
        for(j = 0; j < n; j++)
            printf("%d ", arr[i][j]);
        printf("\n");
    }

    printf("The boundary elements are: ");
    for(j = 0; j < n; j++)
        printf("%d ", arr[0][j]);
    for(i = 1; i < m - 1; i++)
        for(j = 0; j < n; j++)
        {
            if(j == 0 || j == n-1)
                printf("%d ", arr[i][j]);
        }
    for(j = 0; j < n; j++)
        printf("%d ", arr[m-1][j]);

    //---CLCULATING SUM---
```

```
for(j = 0; j < n; j++)
    sum += arr[0][j];
for(i = 1; i < m - 1; i++)
    for(j = 0; j < n; j++)
    {
        if(j == 0 || j == n-1)
            sum += arr[i][j];
    }
for(j = 0; j < n; j++)
    sum += arr[m-1][j];

printf("\nThe sum of boundary elements of the matrix is: %d", sum);
}
```