**DAILY ONLINE ACTIVITIES SUMMARY**

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| **Date:** | **10/06/2020** | | | | | **Name:** | **Manish B Shriyan** | |
| **Sem & Sec** | **8th sem B sec** | | | | | **USN:** | **4AL16CS131** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **No Test Conducted** | | | | | | |
| **Max. Marks** | | **--** | | **Score** | | | **--** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Architecting Serverless Solutions** | | | | | | | |
| **Certificate Provider** | | | **AWS** | | **Duration** | | | **3 Hours** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:**  **Write a C Program to print the sum of boundary elements of a matrix** | | | | | | | | |
| **Status: Solved** | | | | | | | | |
| **Uploaded the report in Github** | | | | | **Uploaded** | | | |
| **If yes Repository name** | | | | | **ManishShriyan** | | | |
| **Uploaded the report in slack** | | | | | **Yes** | | | |

Online Test Details:

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Certification Course Details:



Coding Challenges Details:

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#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);

}