DAILY ONLINE ACTIVITIES SUMMARY

Date:	10/06/2020		Name:	Deepa
Sem & Sec	8th Sem		USN:	4AL16CS029
Online Test Summary				
Subject	- -			
Max. Marks	- -		Score	- -
Certification Course Summary				
Course	Learn webpage development essentials			
Certificate Provider	udemy.com/		Duration	2 hrs
Coding Challenges				
Problem Statement: 1)Write a C Program to print the sum of boundary elements of a matrix				
Status: Completed				
Uploaded the report in Github			Yes	
If yes Repository name			Daily_report	
Uploaded the report in slack			yes	

Online Test Details:

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Certification Course Details:

Coding Challenges Details:

Program 1:

```c
#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++)
```

```c
            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]);

    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\n", sum);
}
```