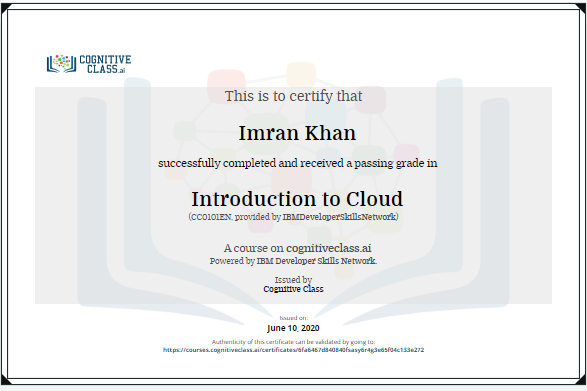
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **10/06/2020** | | | | **Name:** | **Imran Khan** | |
| **Sem & Sec** | **8th A** | | | | **USN:** | **4AL16CS040** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **---** | | | | | |
| **Max. Marks** | | **--** | | **Score** | | **----** | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **Introduction to cloud** | | | | | | |
| **Certificate Provider** | | | **Cognitive class** | **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** | | | | **yes** | | | |
| **If yes Repository name** | | | | **Imran040** | | | |
| **Uploaded the report in slack** | | | | **yes** | | | |

**Certification Course Details**:



**Coding Challenges Details**:

**program1:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
|  | |
| #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); |
|  | | } |