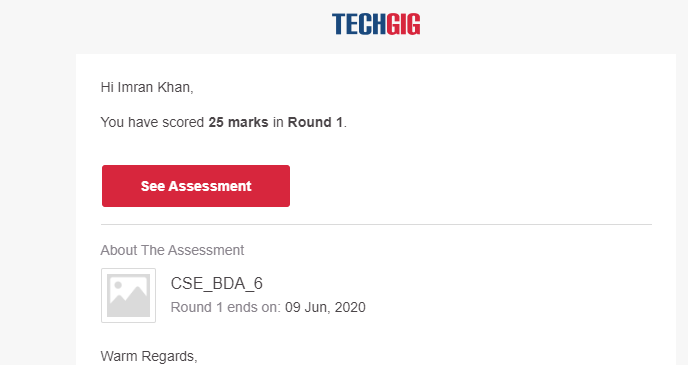
**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **9/06/2020** | | | | **Name:** | **Imran Khan** | |
| **Sem & Sec** | **8th A** | | | | **USN:** | **4AL16CS040** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **BDA** | | | | | |
| **Max. Marks** | | **30** | | **Score** | | **25** | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **Front-end devolopment** | | | | | | |
| **Certificate Provider** | | | **udemy** | **Duration** | | | **17 HOURS** |
| **Coding Challenges** | | | | | | | |
| Problem Statement:  Write a C Program to rotate the a matrix K times.. | | | | | | | |
| **Status: Solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **yes** | | | |
| **If yes Repository name** | | | | **Imran040** | | | |
| **Uploaded the report in slack** | | | | **yes** | | | |

Online test details:



**Certification Course Details**:



**Coding Challenges Details**:

**program1:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | |
|  | |
| #include <stdio.h> | |
|  | | void shiftArrPos(int \*arr, int arrSize) |
|  | | { |
|  | | int i, temp; |
|  | | temp = arr[0]; |
|  | | for(i = 0; i < arrSize-1; i++) |
|  | | { |
|  | | arr[i] = arr[i+1]; |
|  | | } |
|  | | arr[i] = temp; |
|  | | } |
|  | | void arrRotate(int \*arr, int arrSize, int rotFrom) |
|  | | { |
|  | | int i; |
|  | | for(i = 0; i < rotFrom; i++) |
|  | | { |
|  | | shiftArrPos(arr, arrSize); |
|  | | } |
|  | | return; |
|  | | } |
|  | | int main() |
|  | | { |
|  | | int arr[10][10]; |
|  | | int i, j, K, n1, n2; |
|  | |  |
|  | | printf("Enter the size of the matrix: "); |
|  | | scanf("%d%d",&n1,&n2); |
|  | |  |
|  | | printf("Enter the Elements of the matrix:\n"); |
|  | | for(i = 0; i < n1; i++) |
|  | | for(j = 0; j < n2; j++) |
|  | | scanf("%d",&arr[i][j]); |
|  | |  |
|  | | printf("Enter the value of K: "); |
|  | | scanf("%d", &K); |
|  | |  |
|  | | printf("Matrix before rotation\n"); |
|  | | for(i = 0; i < n1; i++) |
|  | | { |
|  | | for(j = 0; j < n2; j++) |
|  | | printf("%d ",arr[i][j]); |
|  | | printf("\n"); |
|  | | } |
|  | |  |
|  | | for(i = 0; i < n1; i++) |
|  | | arrRotate(arr[i], n2, K); |
|  | |  |
|  | | printf("Matrix after rotation\n"); |
|  | | for(i = 0; i < n1; i++) |
|  | | { |
|  | | for(j = 0; j < n2; j++) |
|  | | printf("%d ",arr[i][j]); |
|  | | printf("\n"); |
|  | | } |
|  | |  |
|  | | return 0; |
|  | | } |