**DAILY ONLINE ACTIVITIES SUMMARY**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **2/06/2020** | | | | **Name:** | **Imran Khan** | |
| **Sem & Sec** | **8th A** | | | | **USN:** | **4AL16CS040** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **--** | | | | | |
| **Max. Marks** | | **--** | | **Score** | | **--** | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **RPA** | | | | | | |
| **Certificate Provider** | | | **UI-PATH** | **Duration** | | | **3 HOURS** |
| **Coding Challenges** | | | | | | | |
| Problem Statement:  Write a C Program to find inversion count of array. | | | | | | | |
| **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> | |
|  | |  |
|  | | int getInvCount(int arr[], int n) |
|  | | { |
|  | | int inv\_count = 0; |
|  | | for (int i = 0; i < n - 1; i++) |
|  | | for (int j = i + 1; j < n; j++) |
|  | | if (arr[i] > arr[j]) |
|  | | inv\_count++; |
|  | |  |
|  | | return inv\_count; |
|  | | } |
|  | |  |
|  | | int main(int argv, char\*\* args) |
|  | | { |
|  | | int arr[] = { 2,4,1,3,5 }; |
|  | | int n = sizeof(arr) / sizeof(arr[0]); |
|  | | printf(" Number of inversions are %d \n", getInvCount(arr, n)); |
|  | | return 0; |
|  | | } |