

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	02/06/2020	Name:	Divyashree Naik
Sem & Sec	8 <sup>th</sup> sem A	USN:	4AL16CS034
<b>Online Test Summary</b>			
Subject	---		
Max. Marks	---	Score	---
<b>Certification Course Summary</b>			
Course	Step into Robotic Process Automation		
Certificate Provider	UiPath	Duration	3hrs
<b>Coding Challenges</b>			
Problem Statement: C program to find inversion count of an array			
Status: Complete			
Uploaded the report in Github		Yes	
If yes Repository name		Alvas-Report	
Uploaded the report in slack		Yes	

## Online certification :



## Coding Challenge:

The screenshot shows a Code::Blocks IDE window titled "June2Prg.c - Code::Blocks 17.12". The main editor displays the following C code:

```
1 #include<stdio.h>
2
3 int getInvCount(int arr[], int n)
4 {
5     int inv_count = 0;
6     for (int i = 0; i < n - 1; i++)
7         for (int j = i + 1; j < n; j++)
8             if (arr[i] > arr[j])
9                 inv_count++;
10
11     return inv_count;
12 }
13
14 int main(int argv, char** args)
15 {
16     int arr[] = { 2,4,1,3,5 };
17     int n = sizeof(arr) / sizeof(arr[0]);
18     printf("Number of inversions are %d \n", getInvCount(arr, n));
19     return 0;
20 }
```

The output window on the right shows the execution results:

```
Number of inversions are 3
Process returned 0 (0x0)   execution time : 0.414 s
Press any key to continue.
```

The bottom status bar indicates the file is "C/C++", the editor is in "Windows (CR+LF)" mode, and the cursor is at "Line 10, Col 1, Pos 225".