

DAILY ONLINE ACTIVITIES SUMMARY

Date:	02/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	No test was conducted		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Step into Robotic Process Automation		
Certificate Provider	Guvi	Duration	3 hrs
Coding Challenges			
Problem Statement: 1)Write a C Program to find inversion count of array.			
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:

```
#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;
```

```
}
```

```
void main()
```

```
{
```

```
    int arr[50], n,t;
```

```
    printf("Enter the number of test cases\n");
```

```
    scanf("%d",&t);
```

```
    for(int i=0;i<t;i++)
```

```
{
```

```
    printf("Enter the array size:");
```

```
    scanf("%d",&n);
```

```
    printf("Enter the elements\n");
```

```
    for(int j=0;j<n;j++)
```

```
        scanf("%d",&arr[j]);
```

```
getInvCount(arr, n);  
    printf("Number of inversions are %d \n",  
    printf("-----\n");  
}  
}
```