

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	02/06/2020	<b>Name:</b>	Afrah Saleem
<b>Sem &amp; Sec</b>	8 <sup>th</sup> Sem B section	<b>USN:</b>	4AL16CS127
<b>Online Test Summary</b>			
<b>Subject</b>	No test was conducted		
<b>Max. Marks</b>	- -	<b>Score</b>	- -
<b>Certification Course Summary</b>			
<b>Course</b>	Step into robotic process automation		
<b>Certificate Provider</b>	Guvi	<b>Duration</b>	3 hrs
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1)Write a C Program to find inversion count of array.			
<b>Status:</b> Completed			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Afrah	
<b>Uploaded the report in slack</b>		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");  
}  
}
```