DAILY ONLINE ACTIVITIES SUMMARY

Date:	02/06/2020	Name:	Deekshith T R
Sem & Sec	8th A	USN:	4AL16CS027

Online Test Summary

Subject	___		
Max. Marks	___	Score	___

Certification Course Summary

Course	Getting started Hadoop		
Certificate Provider	GreatLearning	Duration	5.5hr

Coding Challenges

Problem Statement: Given an array of positive integers. Write a C Program to find inversion count of array.

Status: Completed

Uploaded the report in Github	yes
If yes Repository name	Deekshithtr_16cs027
Uploaded the report in slack	yes

Certification Course Details:

greatlearning
Learning for Life

Certificate of completion

Presented to

Deekshith

For successfully completing a free online course

Getting Started : Hadoop

Provided by

Great Learning Academy

(On May 2020)

To verify this certificate visit verify.greatlearning.in/STIGICKZ
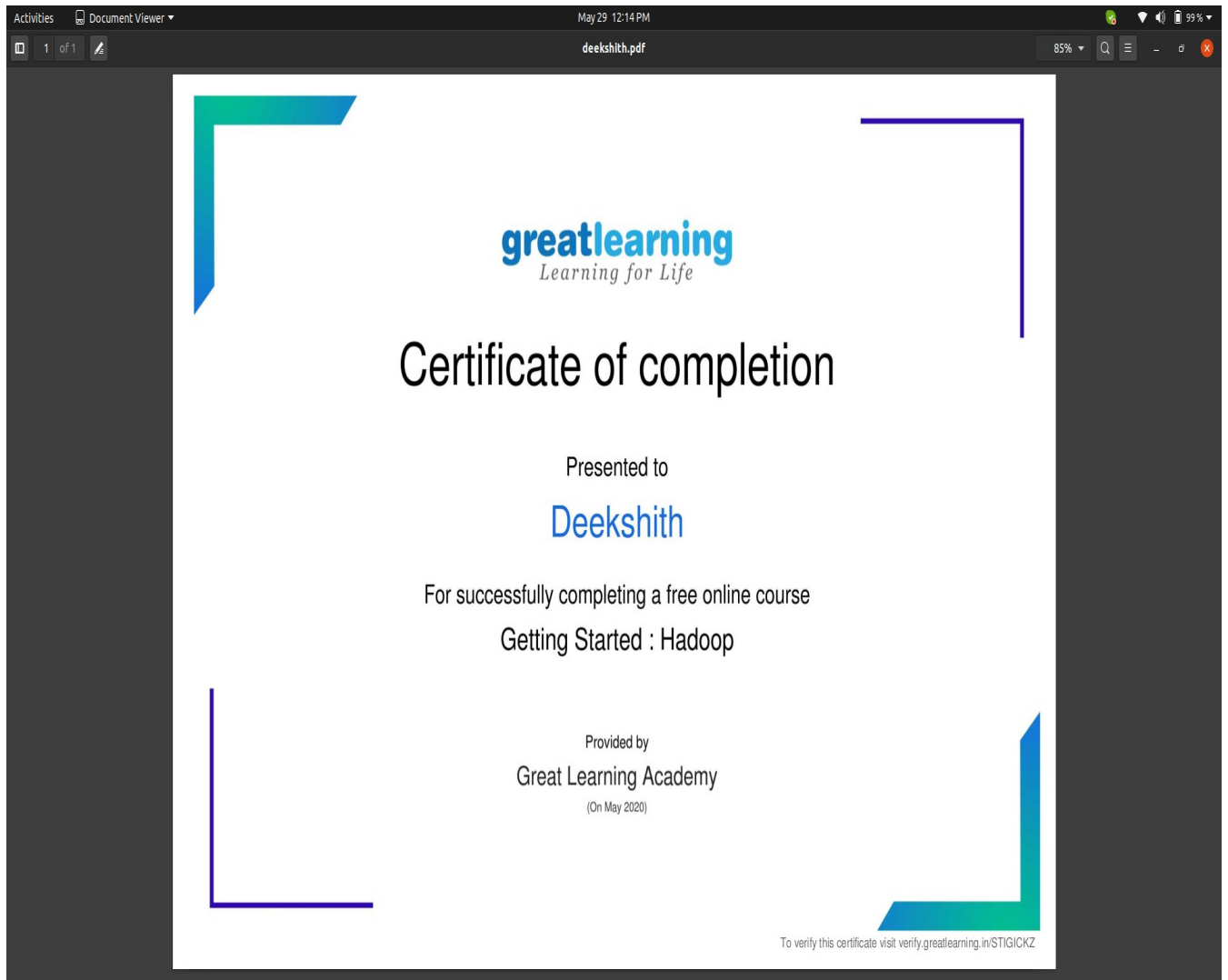
Coding Challenges Details:

program1:

```c
#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 arr[100],n,t;
    printf("enter the test cases :");
    scanf("%d",&t);
    for(int i=0;i<t;i++){
        printf("enter n value:");
        scanf("%d",&n);
        printf("enter array value");
        for(int j=0;j<n;j++){
```

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

    }

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

    }

    return 0;

}
```