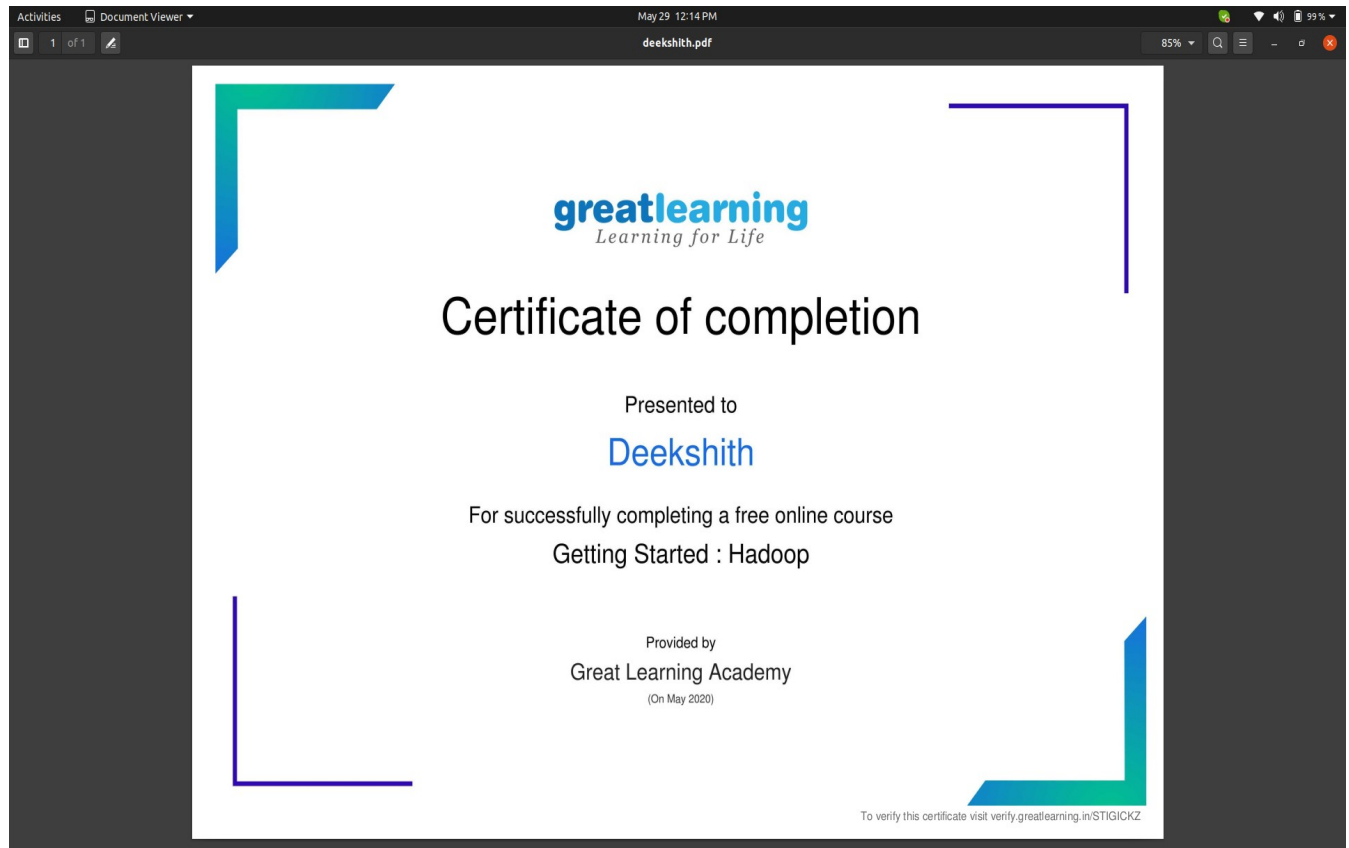


DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/06/2020	Name:	Deekshith T R
Sem & Sec	8 th 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: Write a C Program to rotate an array by K positions.			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		Deekshithtr_16cs027	
Uploaded the report in slack		yes	

Certification Course Details:



Coding Challenges Details:

program1:

```
#include <stdio.h>
```

```
void leftRotatebyOne(int arr[], int n);
```

```
void leftRotate(int arr[], int d, int n)
```

```
{
```

```
    int i;
```

```
    for (i = 0; i < d; i++)
```

```
        leftRotatebyOne(arr, n);  
    }  
}
```

```
void leftRotatebyOne(int arr[], int n)  
{  
    int temp = arr[0], i;  
    for (i = 0; i < n - 1; i++)  
        arr[i] = arr[i + 1];  
    arr[i] = temp;  
}
```

```
void printArray(int arr[], int n)  
{  
    int i;  
    for (i = 0; i < n; i++)  
        printf("Element at index %d : %d\n", i, arr[i]);  
}
```

```
int main()  
{  
    int arr[20], n, d;  
    printf("n : ");  
    scanf("%d", &n);  
    printf("elements : ");  
}
```

```
for(int i=0;i<n;i++)  
    scanf("%d",&arr[i]);  
  
printf("d : ");  
  
scanf("%d",&d);  
  
leftRotate(arr, d, n);  
  
printArray(arr, n);  
  
return 0;  
  
}
```