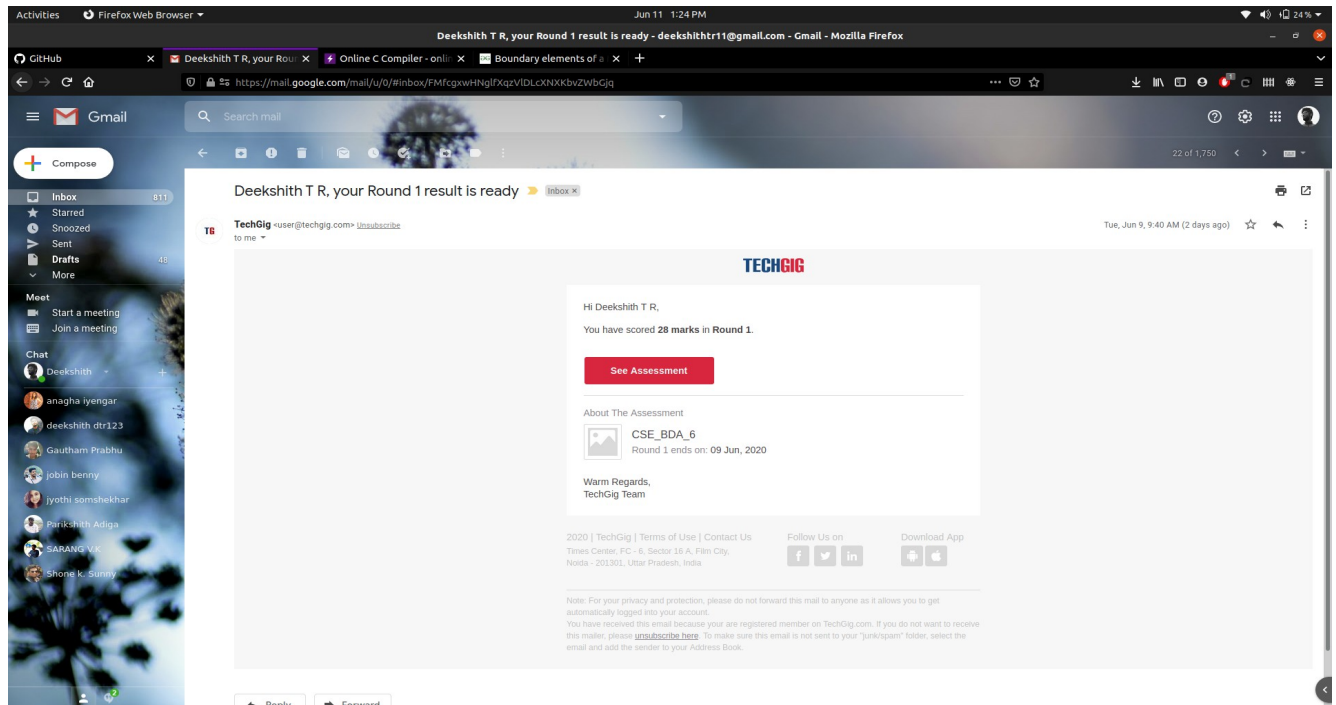


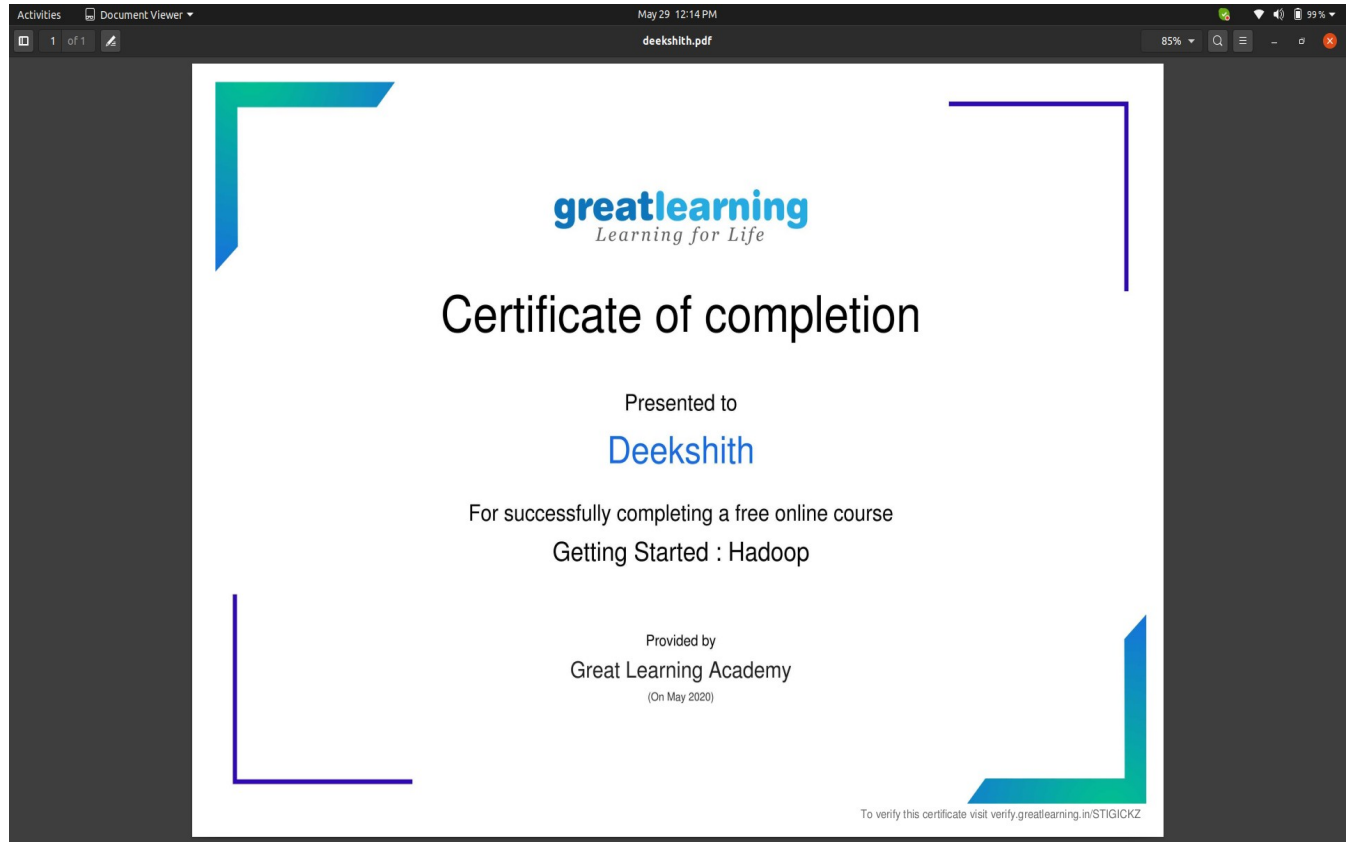
DAILY ONLINE ACTIVITIES SUMMARY

Date:	09/06/2020	Name:	Deekshith T R
Sem & Sec	8 th A	USN:	4AL16CS027
Online Test Summary			
Subject	BDA		
Max. Marks	30	Score	28
Certification Course Summary			
Course	Getting started Hadoop		
Certificate Provider	GreatLearning	Duration	5.5hr
Coding Challenges			
Problem Statement: Write a C Program to rotate the matrix by K times.			
Status: Completed			
Uploaded the report in Github		yes	
If yes Repository name		Deekshithtr_16cs027	
Uploaded the report in slack		yes	

Online Test Details:



Certification Course Details:



Coding Challenges Details:

program1:

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

```
int n;
```

```
void rotateMatrix(int matrix[][n], int k) {
```

```
int temp[n];
```

```
k = k % n;
```

```
for (int i = 0; i < n; i++) {
```

```
    for (int t = 0; t < n - k; t++)
```

```
        temp[t] = matrix[i][t];
```

```
    for (int j = n - k; j < n; j++)
```

```
        matrix[i][j - n + k] = matrix[i][j];
```

```
        for (int j = k; j < n; j++)  
            matrix[i][j] = temp[j - k];  
    }  
}
```

```
void displayMatrix(int matrix[][n]) {  
    for (int i = 0; i < n; i++) {  
        for (int j = 0; j < n; j++)  
            printf ("%d\t",matrix[i][j]);  
        printf("\n");  
    }  
}
```

```
int main() {  
    int matrix[10][10];  
    int k;  
    printf("n value : ");  
    scanf("%d",&n);  
  
    printf("k value : ");  
    scanf("%d",&k);  
  
    printf("enter the values\n");  
    for (int i=0;i<k;i++){
```

```
    for(int j=0;j<k;j++){  
        scanf("%d",&matrix[i][j]);  
    }  
}
```

```
rotateMatrix(matrix, k);
```

```
displayMatrix(matrix);
```

```
return 0;
```

```
}
```