DAILY ONLINE ACTIVITIES SUMMARY

Date:	**05/06/2020**	**Name:**	**Deekshith T R**
Sem & Sec	**8th A**	**USN:**	**4AL16CS027**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**18**

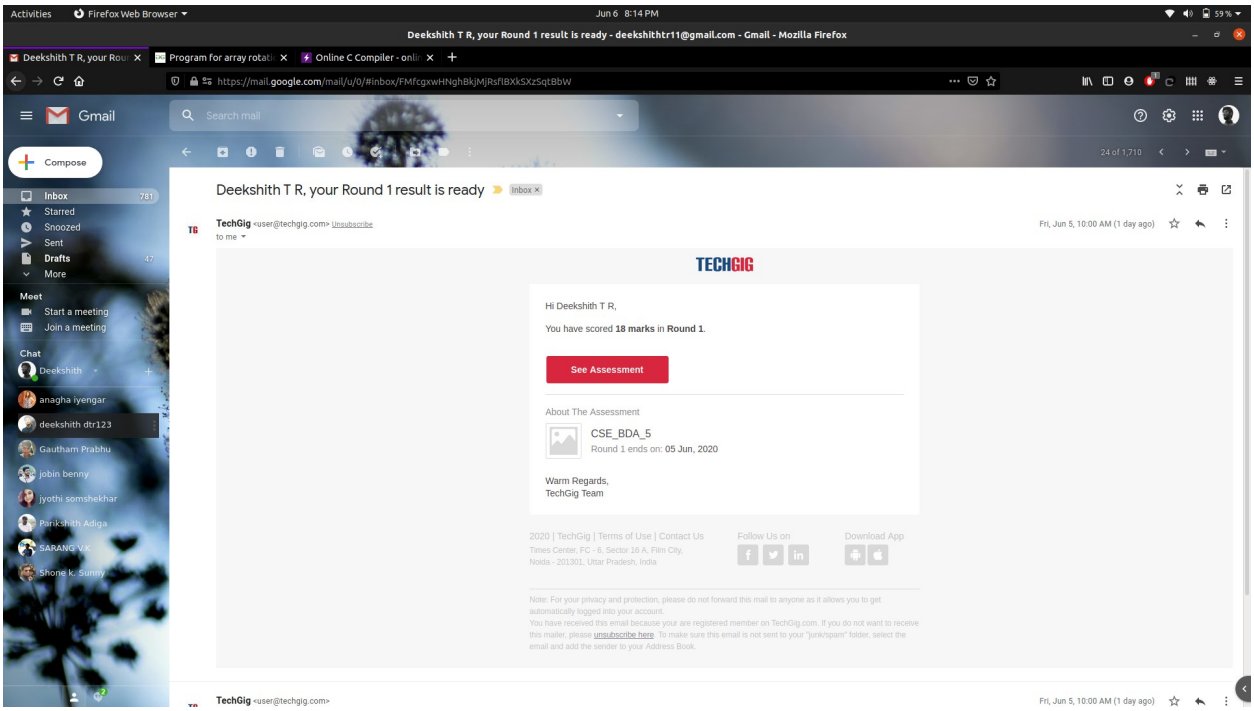
Certification Course Summary

Course	**Getting started Hadoop**		
Certificate Provider	**GreatLearning**	**Duration**	**5.5hr**

Coding Challenges

Problem Statement: Write a program in C to rotate an array by N positions.	
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>

#define NA -1

void moveToEnd(int mPlusN[], int size)

{

int i = 0, j = size - 1;

for (i = size-1; i >= 0; i--)

        if (mPlusN[i] != NA)

        {

        mPlusN[j] = mPlusN[i];

        j--;

        }

}

int merge(int mPlusN[], int N[], int m, int n)

{

int i = n;

int j = 0;

int k = 0;

while (k < (m+n))

{


        if ((i < (m+n) && mPlusN[i] <= N[j]) || (j == n))

        {
```

```
            mPlusN[k] = mPlusN[i];
            k++;
            i++;
            }
            else
            {
            mPlusN[k] = N[j];
            k++;
            j++;
            }
}
}
void printArray(int arr[], int size)
{
int i;
for (i=0; i < size; i++)
            printf("%d ", arr[i]);

printf("\n");
}

int main()
{
int mPlusN[] = {2, 8, NA, NA, NA, 13, NA, 15, 20};
```

```
int N[] = {5, 7, 9, 25};

int n = sizeof(N)/sizeof(N[0]);

int m = sizeof(mPlusN)/sizeof(mPlusN[0]) - n;


moveToEnd(mPlusN, m+n);


merge(mPlusN, N, m, n);


printArray(mPlusN, m+n);


return 0;

}
```