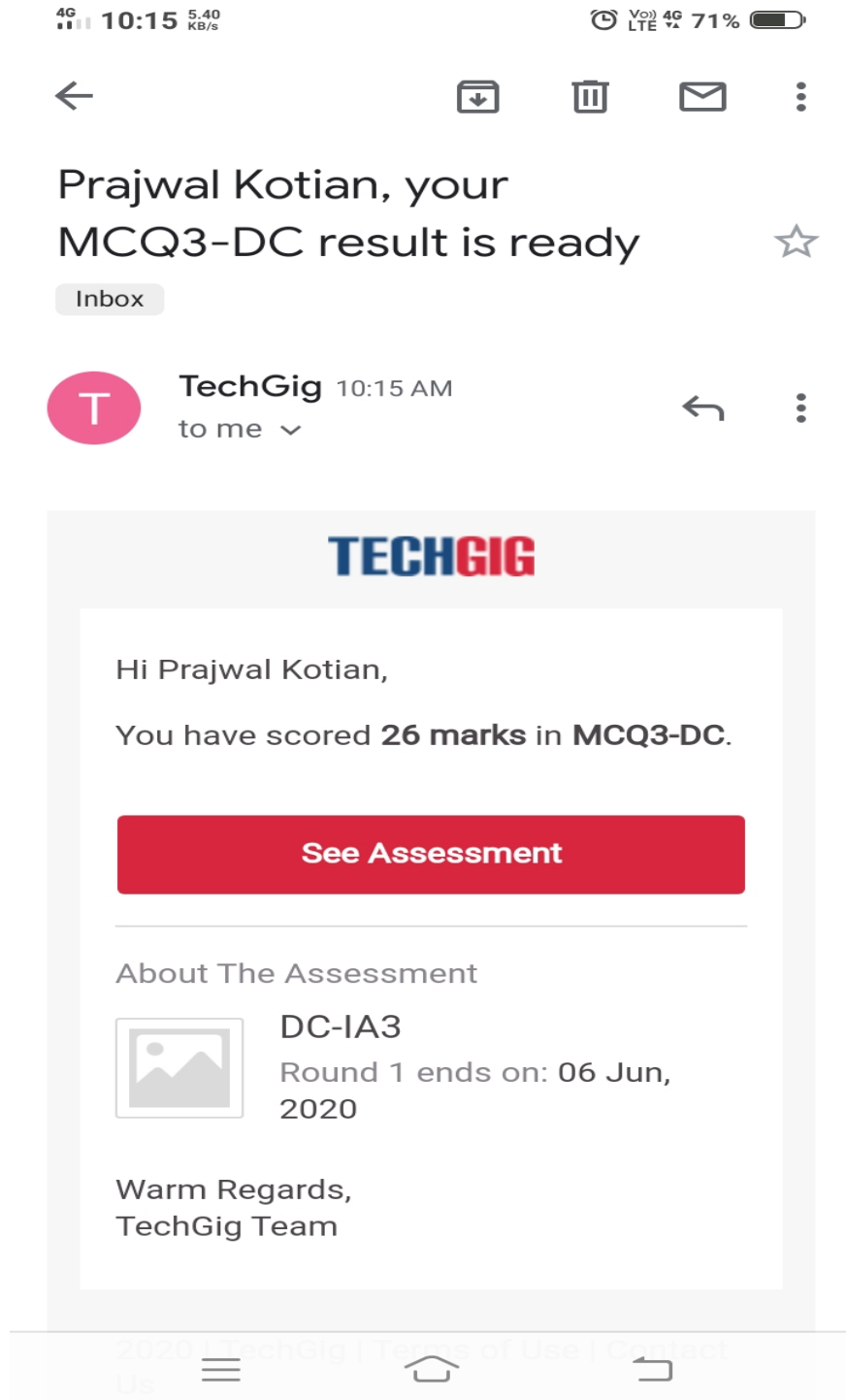


DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/05/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Data Communication		
Max. Marks	30	Score	26
Certification Course Summary			
Course	Cloud Foundation		
Certificate Provider	Great Learning	Duration	05 hours
Coding Challenges			
Problem Statement: 1. Write a java program to sort an array N containing 0s, 1s, and 2s in ascending order.			
2. Write a C program to rotate an array by N positions.			
Status: Done			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/PRAJWALKOTIAN/lockdown-coding	
Uploaded the report in slack		YES	

Online test details

Test was conducted from 09:15 to 10:00 am dated 06 june 2020. The test includes MCQ kind of questions which contains 30 question of 1 mark each.



Certification Course Details

The course I have choosen is CLOUD FOUNDATIONS in this I studied regarding classical enterprise, importance of cloud and evolution of cloud.

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VoLTE 4G 80%

≡

greatlearning
Learning for Life

[← Go Back to Cloud Foundations](#)

☰ Course Content

Module 2 - Classical Enterprise, Why Cloud & Evolution of Cloud

1. PGP in Cloud Computing

2. There is nothing called Cloud Computing

3. Our focus

4. A few stories

5. What does the business really about?

6. ☒ The classical enterprise

7. Why cloud?

8. A short history and evolution

9. Any difficulties?

10. Myths of cloud computing

11. Service delivery models

12. Cloud providers comparison

13. SPIDERS

14. A perspective

The classical enterprise

1. Person
2. Search
3. Content management
4. Role-based/SSO
5. ERP
6. Database forms
7. Workflow
8. ETL processes
9. Collaboration
10. CRM
11. ERP products
12. Content center product
13. Infra monitoring tools
14. Code repository tools
15. Infrastructure and/or self-observation tools
16. Operating system
17. Virtualization
18. Infrastructure file (machines, routers)
19. Networking (fire, switches, load balancers)
20. Building & perimeter security
21. Electricity (primary, secondary/Cooling/Land)

1. Human expertise & capital
2. Ongoing process of patching & upgrades
3. Procurement department, many 3rd party vendors

Previous

Next

≡

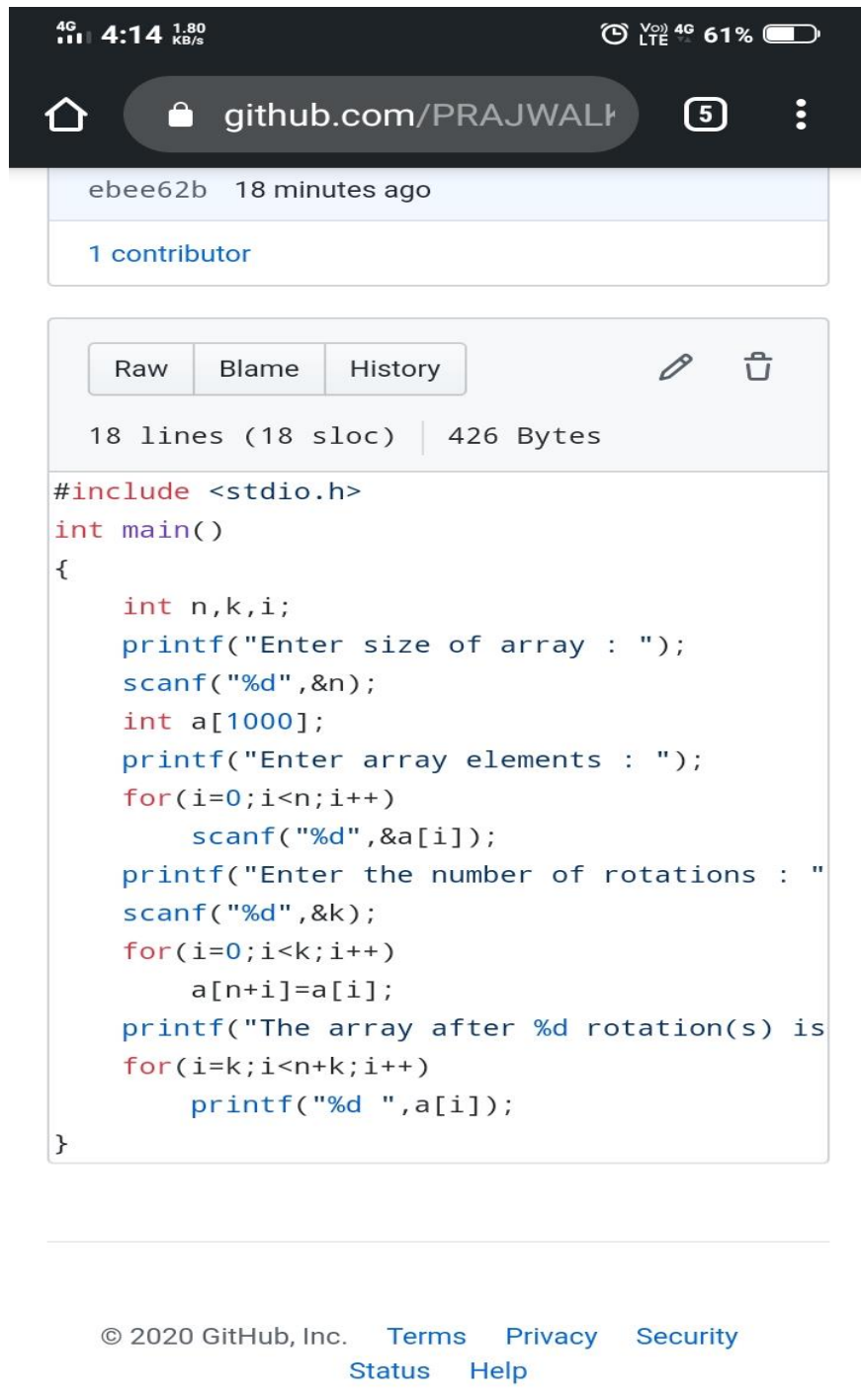
Coding Challenges Details

The bellow codes are there on my github repository
<https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a java program to sort an array N containing 0s, 1s, and 2s in ascending order.

```
4G 4:14 0.00 KB/s VoLTE 4G 61%
class ascending0s1s2s.java {
    static void sort012(int a[], int arr_size)
    {
        int lo = 0;
        int hi = arr_size - 1;
        int mid = 0, temp = 0;
        while (mid <= hi) {
            switch (a[mid]) {
                case 0: {
                    temp = a[lo];
                    a[lo] = a[mid];
                    a[mid] = temp;
                    lo++;
                    mid++;
                    break;
                }
                case 1:
                    mid++;
                    break;
                case 2: {
                    temp = a[mid];
                    a[mid] = a[hi];
                    a[hi] = temp;
                    hi--;
                    break;
                }
            }
        }
    }
    static void printArray(int arr[], int arr_size)
    {
        int i;
        for (i = 0; i < arr_size; i++)
            System.out.print(arr[i] + " ");
        System.out.println("");
    }
}
```

2. Write a C program to rotate an array by N positions.



The screenshot shows a mobile browser interface with a dark theme. At the top, the status bar displays '4G', '4:14', '1.80 KB/s', 'VoLTE', '4G', and '61%' battery. The address bar shows 'github.com/PRAJWAL'. Below the address bar, the repository name 'ebee62b' and '18 minutes ago' are visible, along with '1 contributor'. The main content area shows the 'Raw' view of a file with 18 lines (18 sloc) and 426 Bytes. The code is a C program for rotating an array by N positions. The code includes `<stdio.h>` and defines a `main()` function. It prompts the user to enter the size of the array (`n`), reads it, and then prompts for the number of rotations (`k`). It then rotates the array by `k` positions and prints the result.

```
#include <stdio.h>
int main()
{
    int n,k,i;
    printf("Enter size of array : ");
    scanf("%d",&n);
    int a[1000];
    printf("Enter array elements : ");
    for(i=0;i<n;i++)
        scanf("%d",&a[i]);
    printf("Enter the number of rotations : ");
    scanf("%d",&k);
    for(i=0;i<k;i++)
        a[n+i]=a[i];
    printf("The array after %d rotation(s) is\n",k);
    for(i=k;i<n+k;i++)
        printf("%d ",a[i]);
}
```

At the bottom, the footer shows '© 2020 GitHub, Inc.' and links for 'Terms', 'Privacy', 'Security', 'Status', and 'Help'.

