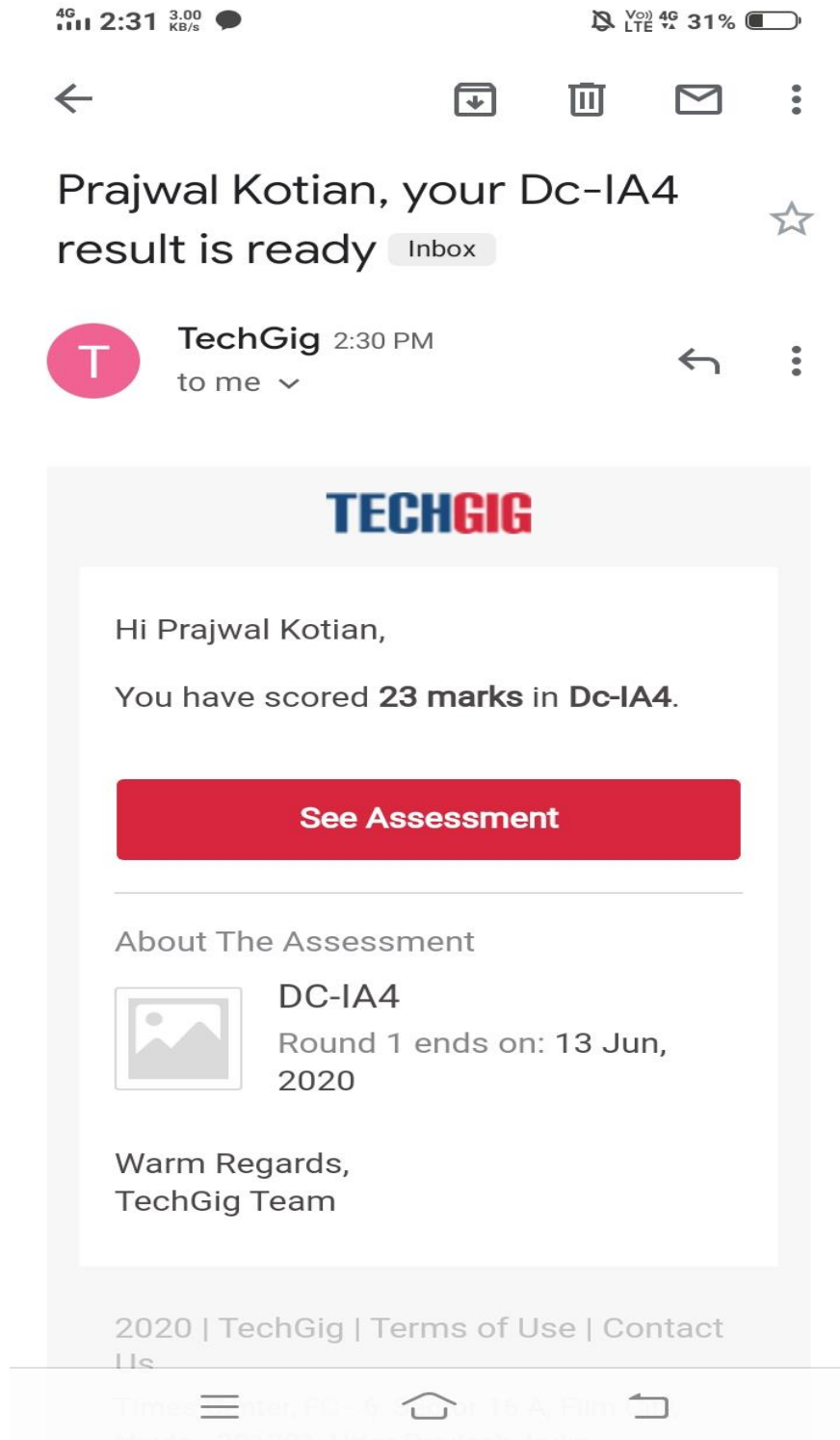


DAILY ONLINE ACTIVITIES SUMMARY

Date:	13/06/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Data Communication		
Max. Marks	30	Score	23
Certification Course Summary			
Course	Cloud Foundations		
Certificate Provider	Great Learning	Duration	05 hours
Coding Challenges			
Problem Statement: 1. Write a C program to calculate electricity bill.			
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 02:00 to 02:30 am dated 13 June 2020. The test includes MCQ kind of questions which contains 30 questions of 1 mark each.



Certification Course Details


The course I have choosen is CLOUD FOUNDATIONS in this I studied apps for cloud and security models.

4G 11:53 159 KB/s

VoLTE 4G 67%

≡


greatlearning
Learning for Life



[← Go Back to Cloud Foundations](#)

☰ Course Content

Module 9 - Apps for Cloud & Security Model



01 Challenges with Distributed Computing

51 Designing applications for cloud

52 ☒ Distribution of Control between Service Models

53 Security fabric for the architecture with multiple providers

54 "Shared responsibility" model

55 Diversity of programming languages

56 Language popularity index

57 Infrastructure automation

58 Continuous Integration and code deployment models

59 Cloud CI/CD

60 Internet of Things (IoT)

61 I Robot

greatlearning
Learning for Life

Distribution of Control between Service Models

- Decentralized Administration
 - principle of local autonomy, which implies that each service model retains administrative control over its resources
- Secure Distributed Collaboration
 - Due to the heterogeneous nature of the cloud, resource and service policies might use different models requiring seamless interoperation among policies (SLA)
- Credential Federation
 - decentralized single-sign-on mechanism
- Placement of functionality
 - Right provider for the functionality needed in the business process
- Federated Data Collaboration
 - In an interleaved business process it is imminent that data payload is managed
- Loose coupling
 - Services are owned by different providers with their own evolution lifecycle and versioning

3:41

HD

← Previous

Next →

≡

≡

≡

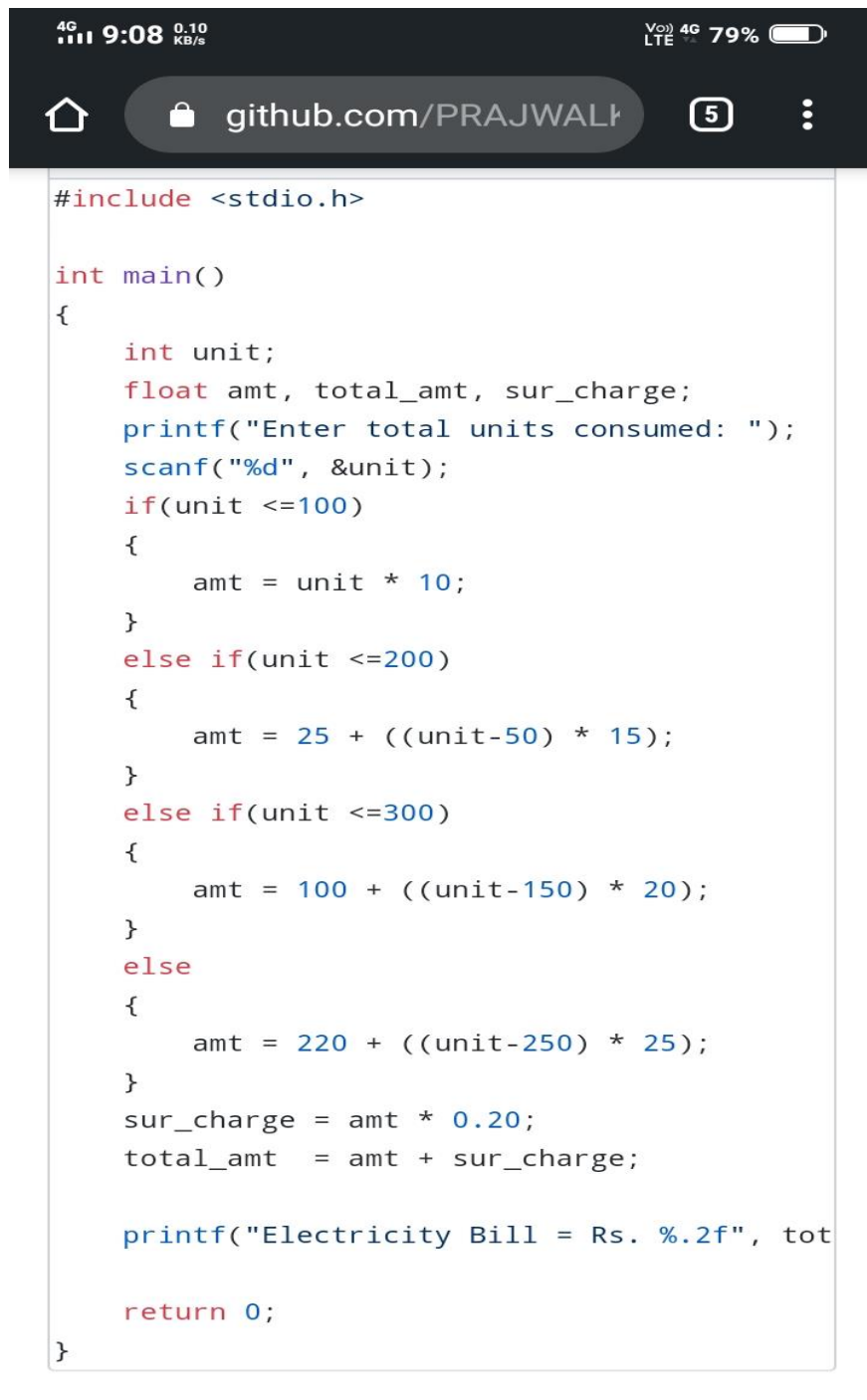
≡

≡

Coding Challenges Details

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

1. Write a C program to calculate electricity bill.

A screenshot of a mobile browser interface. At the top, the status bar shows '4G' signal, time '9:08', and battery level '79%'. The browser's address bar displays 'github.com/PRAJWALKOTIAN/lockdown-coding'. Below the address bar, a code editor displays a C program. The code includes a header file, defines variables for units, amount, total amount, and surcharge, and uses conditional logic to calculate the electricity bill based on the number of units consumed. The program prompts the user to enter total units consumed and then prints the electricity bill in Rupees.

```
#include <stdio.h>

int main()
{
    int unit;
    float amt, total_amt, sur_charge;
    printf("Enter total units consumed: ");
    scanf("%d", &unit);
    if(unit <=100)
    {
        amt = unit * 10;
    }
    else if(unit <=200)
    {
        amt = 25 + ((unit-50) * 15);
    }
    else if(unit <=300)
    {
        amt = 100 + ((unit-150) * 20);
    }
    else
    {
        amt = 220 + ((unit-250) * 25);
    }
    sur_charge = amt * 0.20;
    total_amt = amt + sur_charge;

    printf("Electricity Bill = Rs. %.2f", tot

    return 0;
}
```