

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	13/06/2020	Name:	Pramod R
Sem & Sec	4 <sup>th</sup> sem B section	USN:	4AL18CS059
<b>Online Test Summary</b>			
Subject	Data Communication		
Max. Marks	30	Score	28
<b>Certification Course Summary</b>			
Course	Java Programming for Complete Beginners		
Certificate Provider	Udemy	Duration	1 Hour
<b>Coding Challenges</b>			
Problem Statement: Write a C program to calculate Electricity Bill.			
Status: Completed			
Uploaded the report in Github		YES	
If yes Repository name		<a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a>	
Uploaded the report in slack		YES	

**Online Test Details: (Attach the snapshot and briefly write the report for the same)**

The screenshot displays the 'Dc-IA4' test interface. At the top, there is a 'Challenge Over' banner with a 'Start Test' button. Below this, the 'Dc-IA4' title is shown along with the user's highest score (28) and the maximum score (30). A 'Question Summary' section explains the objective of the round. To the right, a 'Summary' box lists the skills (Data Communication) and the end date (13 Jun). Below these sections, there are tabs for 'Details', 'Winners', 'FAQs', and 'My Submission'. The 'Details' tab is active, showing 'Important Instructions' for the test. At the bottom, there is a 'Waiting for static.techgig.com...' message and a 'Show all' button.

Logout

Challenge Over

by TechGig

Dc-IA4

Your Highest Score 28 Max Score 30

**Question Summary** The objective of this round is to screen students on the basis of their domain proficiency

Start Test

**Summary**

Skills Data Communication

Ends On 13 Jun

**Details** Winners FAQs My Submission

**Important Instructions**

1. Test should be taken in Full Screen only. Any attempt to exit from full screen will submit the test automatically.

2. Students who are taking up test in mobile, make sure you will not pick any call during the test or click on any updates.

ie screen timeout

Waiting for static.techgig.com...

CamScanner 06-17...pdf

Show all X

Data Communication internals was conducted. A total of 30 questions were there in which all the 30 of them were Multiple Choice Questions.

The above snapshot is the result sheet which was mailed to us by the Techgig team

## Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a Udemy course page for "Java Programming for Complete Beginners". The main video player displays a terminal window with the following text:

```
• Click the Start button
• Select All Programs -> Accessories > Command Prompt.
• Or use Ctrl + Esc, and type in cmd and launch up command.

1. If you are on Mac or other OS, launch up Terminal.
  • cmd + space -> Type terminal -> Press enter

Java Version Successful

Last login: Tue Feb 27 11:38:11 AM console
Rangas-MacBook-Pro:~ rangerad@rangerad$ java -version
java version "9.0.1"
Java(TM) SE Runtime Environment (build 9.0.1+11)
Java HotSpot(TM) 64-Bit Server VM (build 9.0.1+11, mixed mode)

C:\Windows\system32\cmd.exe
C:\Windows\system32\cmd.exe [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\rangad>java -version
java version "9.0.1"
Java(TM) SE Runtime Environment (build 9.0.1+11)
Java HotSpot(TM) 64-Bit Server VM (build 9.0.1+11, mixed mode)

JShell Version Successful
```

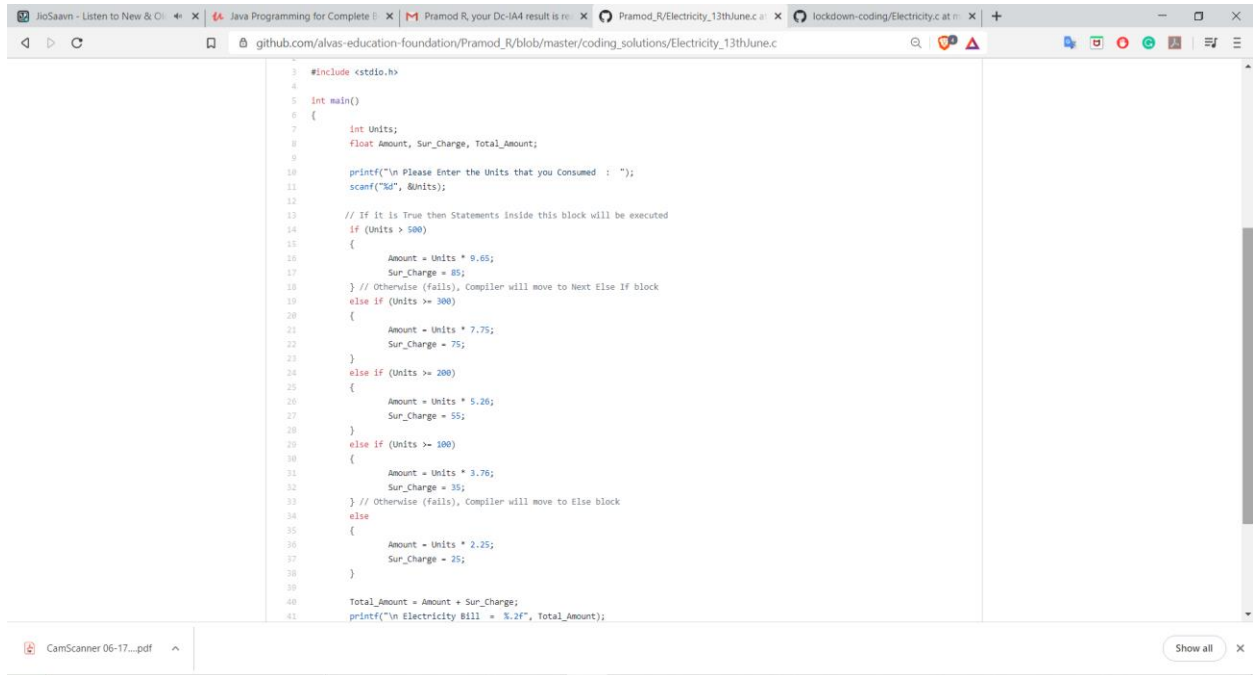
The course content sidebar on the right lists the following sections:

- 7. Step 02 - Verifying Java and Jshell (3min)
- 8. Step 03 - Troubleshooting Java installation (2min)
- 9. Step 04 - Setting Path environment variable in Windows (7min)
- Section 3: Introduction to Java Programming with Jshell using Multiplic... (34 / 34 | 3hr 2min)
- Section 4: Introduction to Java Method with Multiplication Table (13 / 13 | 1hr 11min)
- Section 5: Introduction to Java Platform (9 / 9 | 42min)
- Section 6: Introduction to Eclipse - First Java Programming Project (9 / 9 | 47min)
- Section 7: Github Book (1 / 1 | 1min)
- Section 8: Introduction To Java Object (1 / 1 | 1min)

The "About this course" section states: "Learn Java Programming with 200+ code examples. For Absolute Java Beginners! Start Learning Java Programming Now!"

The course I have chosen during the lockdown period is **Java Programming for Complete Beginners**. Since I had previously knew few topics about Java I am continuing this course. Since Java is used in major application development, I have chosen this course.

## Coding Challenges Details: (Attach the snapshot and briefly write the report for the following)



```
1 #include <stdio.h>
2
3 int main()
4 {
5     int Units;
6     float Amount, Sur_Charge, Total_Amount;
7
8     printf("\n Please Enter the Units that you Consumed : ");
9     scanf("%d", &Units);
10
11     // If it is True then Statements inside this block will be executed
12     if (Units > 500)
13     {
14         Amount = Units * 9.65;
15         Sur_Charge = 85;
16     } // Otherwise (falls), Compiler will move to Next else if block
17     else if (Units >= 300)
18     {
19         Amount = Units * 7.75;
20         Sur_Charge = 75;
21     }
22     else if (Units >= 200)
23     {
24         Amount = Units * 5.26;
25         Sur_Charge = 55;
26     }
27     else if (Units >= 100)
28     {
29         Amount = Units * 3.76;
30         Sur_Charge = 35;
31     } // Otherwise (falls), Compiler will move to Else block
32     else
33     {
34         Amount = Units * 2.25;
35         Sur_Charge = 25;
36     }
37
38     Total_Amount = Amount + Sur_Charge;
39     printf("\n Electricity Bill = %.2f", Total_Amount);
40 }
```

The question I took to code is:

Write a C program to calculate Electricity Bill

**Solution:** The above snapshot is the code which I have uploaded in my Github repository