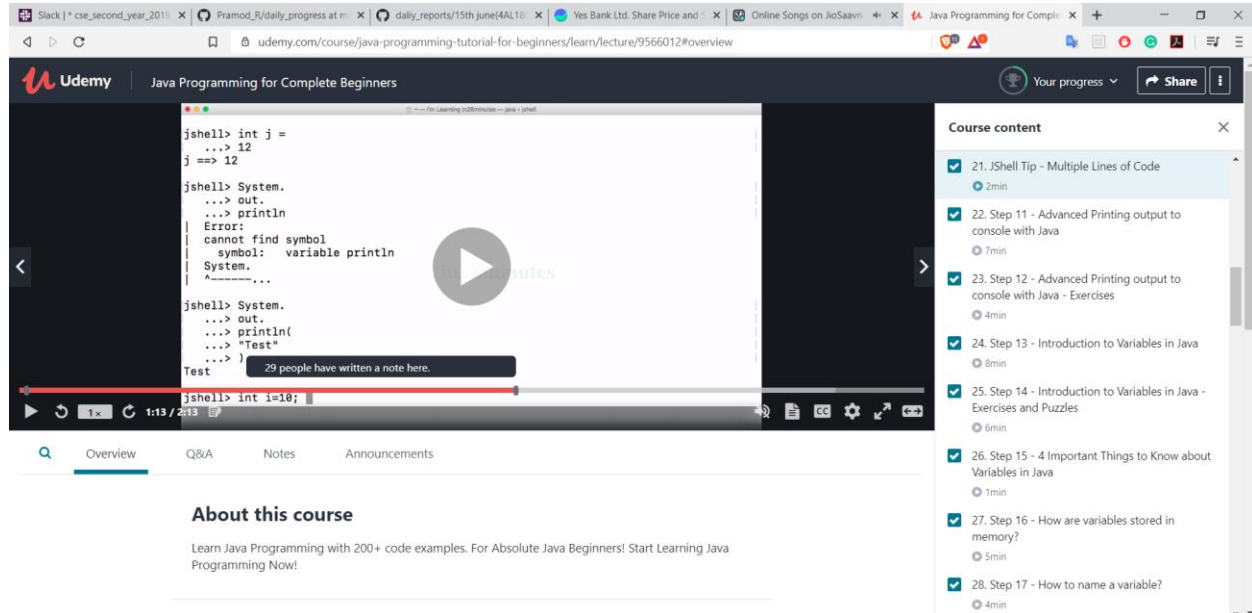


DAILY ONLINE ACTIVITIES SUMMARY

Date:	17/06/2020	Name:	Pramod R
Sem & Sec	4 th sem B section	USN:	4AL18CS059
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Java Programming for Complete Beginners		
Certificate Provider	Udemy	Duration	1 Hour
Coding Challenges			
Problem Statement: Write a C program to count numbers that do not contain 3.			
Status: Completed			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Pramod_R	
Uploaded the report in slack		YES	

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



The screenshot shows a web browser displaying a Udemy course page. The browser's address bar shows the URL: `udemy.com/course/java-programming-tutorial-for-beginners/learn/lecture/9566012#overview`. The page title is "Java Programming for Complete Beginners". The main content area features a video player with a terminal window overlay. The terminal shows the following code and output:

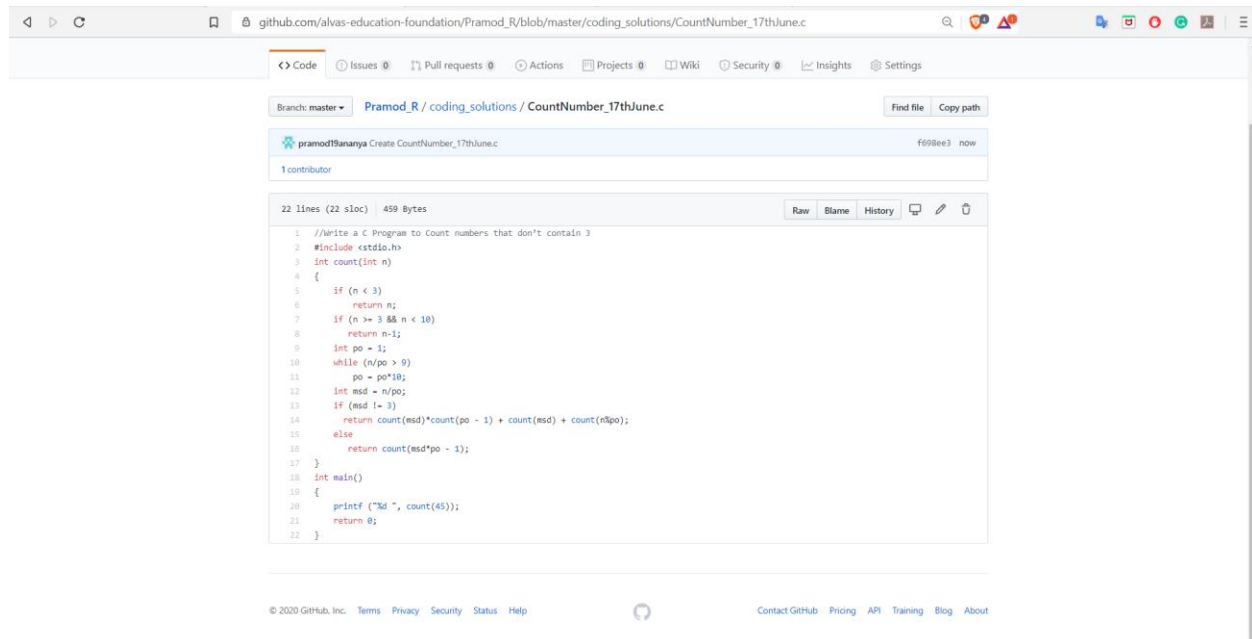
```
jschell> int j =  
...> 12  
j ==> 12  
  
jschell> System.  
...> out.  
...> println  
Error:  
cannot find symbol  
symbol:   variable println  
System.  
.....  
  
jschell> System.  
...> out.  
...> println(  
...> "Test"  
...> )  
Test
```

The video player has a progress bar at 1:13 / 2:13. Below the video player, there are tabs for "Overview", "Q&A", "Notes", and "Announcements". The "About this course" section states: "Learn Java Programming with 200+ code examples. For Absolute Java Beginners! Start Learning Java Programming Now!". On the right side, there is a "Course content" sidebar with a list of 28 items, each with a checkmark and a duration:

- 21. JShell Tip - Multiple Lines of Code (2min)
- 22. Step 11 - Advanced Printing output to console with Java (7min)
- 23. Step 12 - Advanced Printing output to console with Java - Exercises (4min)
- 24. Step 13 - Introduction to Variables in Java (8min)
- 25. Step 14 - Introduction to Variables in Java - Exercises and Puzzles (6min)
- 26. Step 15 - 4 Important Things to Know about Variables in Java (1min)
- 27. Step 16 - How are variables stored in memory? (5min)
- 28. Step 17 - How to name a variable? (4min)

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)



The screenshot shows a GitHub repository page for the file `CountNumber_17thJune.c` in the `coding_solutions` directory of the `Pramod_R` branch. The file was created by `pramodf1ananga` on June 17, 2020. The code is a C program that counts numbers from 1 to 45 that do not contain the digit 3. It uses a recursive function `count` that checks for the digit 3 in the units, tens, and hundreds places. The `main` function prints the result of `count(45)`.

```
1 //Write a C Program to Count numbers that don't contain 3
2 #include <stdio.h>
3 int count(int n)
4 {
5     if (n < 3)
6         return n;
7     if (n >= 3 && n < 10)
8         return n-1;
9     int po = 1;
10    while (n/po > 9)
11        po = po*10;
12    int msd = n/po;
13    if (msd != 3)
14        return count(msd)*count(po - 1) + count(msd) + count(n%po);
15    else
16        return count(msd*po - 1);
17 }
18 int main()
19 {
20     printf ("%d ", count(45));
21     return 0;
22 }
```

The question I took to code is:

Write a C program to count numbers that do not contain 3.

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