

Philip Pesic

Week 6

February 26 2023

Week 6 Prog 6

ReWrite the for loop program code example 3, above as a while loop.

```
package Prog6;

class prog6 {
    public static void main(String args[]) {
        int i = 1;
        while (i <= 10) {
            System.out.println("i = " + i);
            i++;
        }

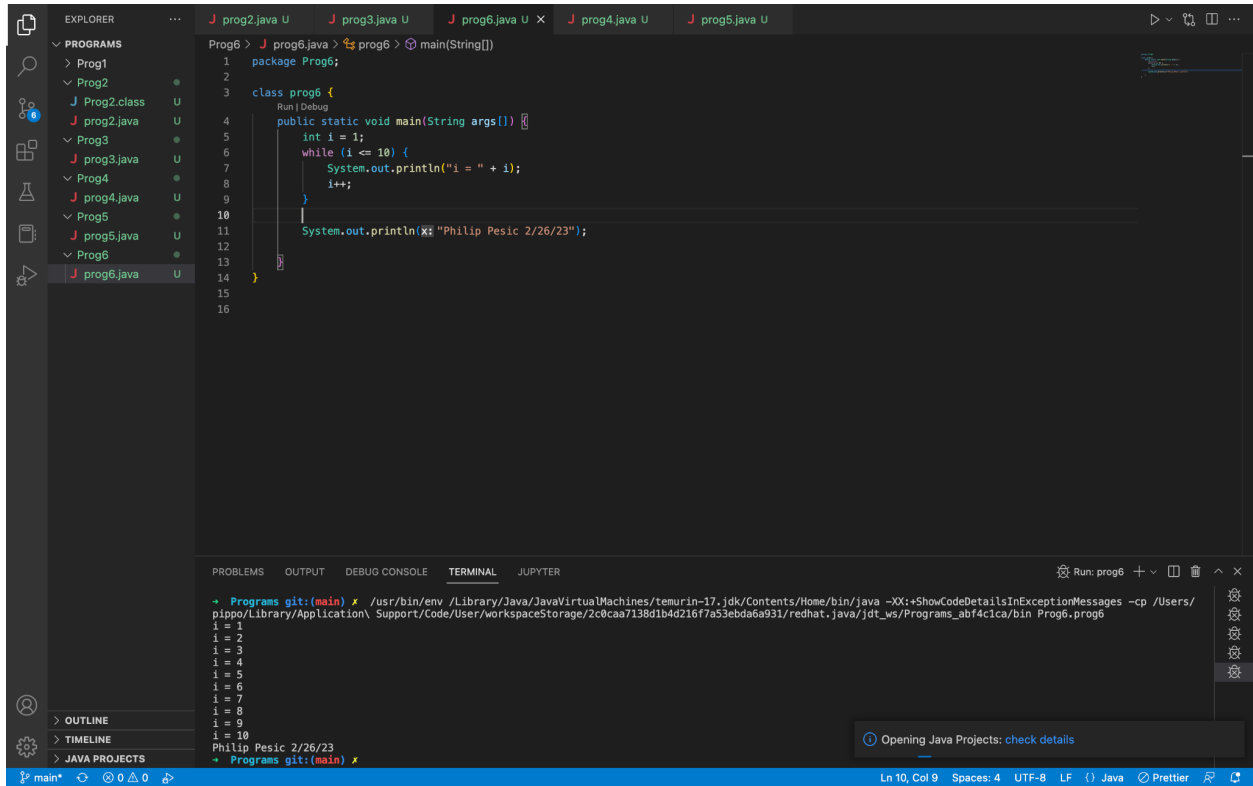
        System.out.println("Philip Pesic 2/26/23");
    }
}
```

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The screenshot shows an IDE with a project named 'Programs' containing several Java files. The file 'prog6.java' is selected and open in the editor. The code in 'prog6.java' is as follows:

```
1 package Prog6;
2
3 class prog6 {
4     public static void main(String args[]) {
5         int i = 1;
6         while (i <= 10) {
7             System.out.println("i = " + i);
8             i++;
9         }
10
11         System.out.println("Philip Pesic 2/26/23");
12     }
13 }
14
15
16
```

The terminal output shows the execution of the program, printing the values of 'i' from 1 to 10, followed by the message 'Philip Pesic 2/26/23'.

```
+ Programs git:(main) x /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCodeDetailsInExceptionMessages -cp /Users/pipppo/Library/Application\ Support/Code/User/workspaceStorage/2c0caa7138d1b4d216f7a53ebda6a931/redhat.java/jdt_ws/Programs_abf4c1ca/bin Prog6.prog6
i = 1
i = 2
i = 3
i = 4
i = 5
i = 6
i = 7
i = 8
i = 9
i = 10
Philip Pesic 2/26/23
+ Programs git:(main) x
```

I learned: how to use while loops