

Philip Pesic

Week 14

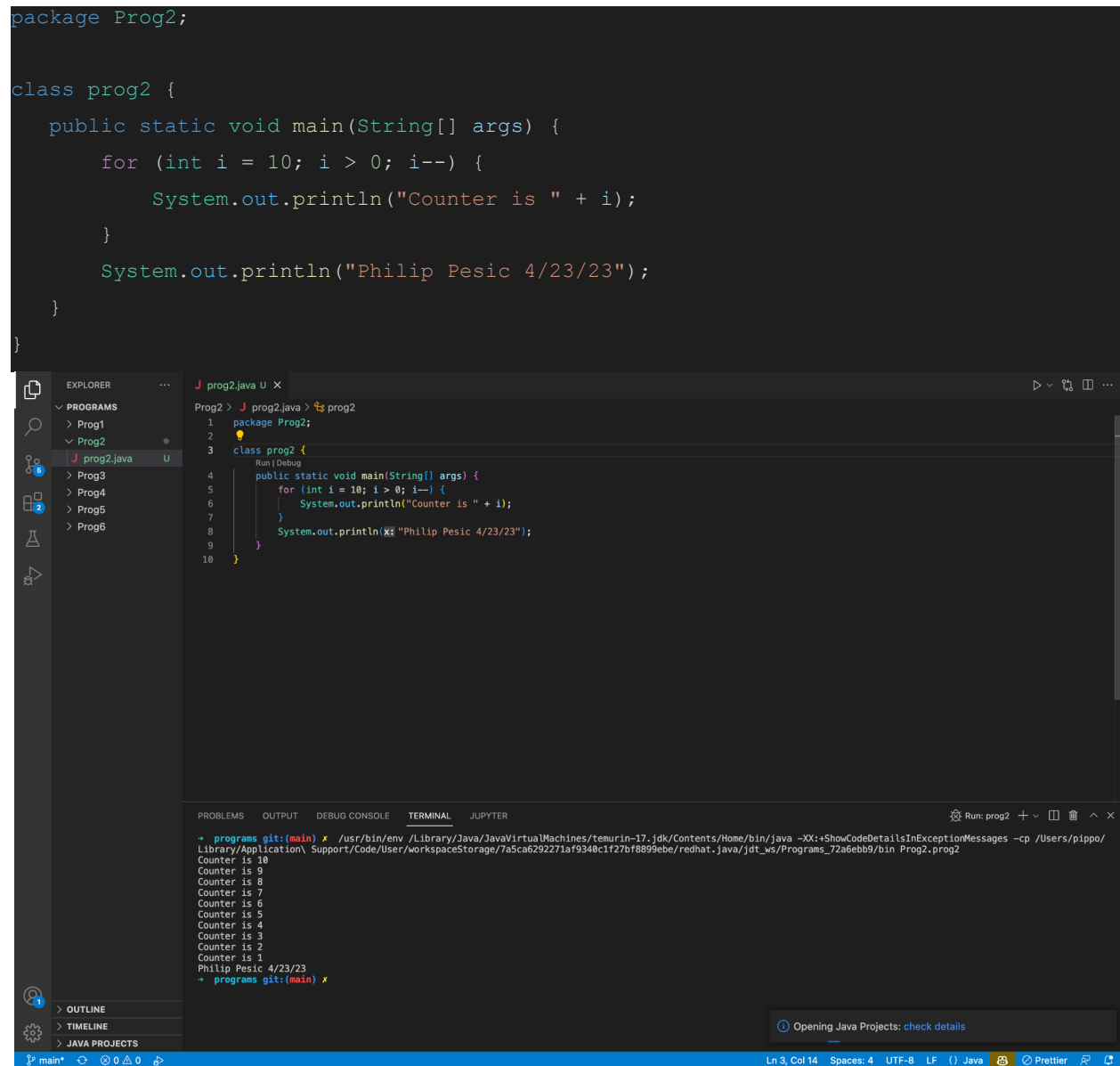
April 23 2023

Week 14 Prog 2

Write a non recursive version of this function... using a regular loop.

```
package Prog2;

class prog2 {
    public static void main(String[] args) {
        for (int i = 10; i > 0; i--) {
            System.out.println("Counter is " + i);
        }
        System.out.println("Philip Pesic 4/23/23");
    }
}
```



The screenshot shows an IDE with the following components:

- EXPLORER:** A sidebar on the left showing a project structure with folders 'PROGRAMS' and 'JAVASOURCE', and files 'prog1.java', 'prog2.java', 'prog3.java', 'prog4.java', 'prog5.java', and 'prog6.java'. 'prog2.java' is selected.
- EDITOR:** The main window showing the source code of 'prog2.java'. The code is a Java class with a 'main' method that uses a 'for' loop to print a counter from 10 down to 1, followed by a message 'Philip Pesic 4/23/23'.
- TERMINAL:** A window at the bottom showing the output of the program. It displays the counter values from 10 down to 1, followed by the message 'Philip Pesic 4/23/23'.
- STATUS BAR:** A bar at the very bottom showing the current file ('main'), line and column numbers ('Ln 3, Col 14'), and various settings like 'Spaces: 4', 'UTF-8', 'LF', and 'Java'.

I learned how recursion can be replaced by loops