

Philip Pesic

Week 6

February 26 2023

Week 6 Prog 2

Write a program using a single 'for' loop and have a person walk down the stairs. No if statements needed.

```
package Prog2;

class prog2 {
    public static void main(String[] args) {

        for (int i = 0; i < 6; i++) {

            System.out.print("      ".repeat(i));

            System.out.println("0");

        }

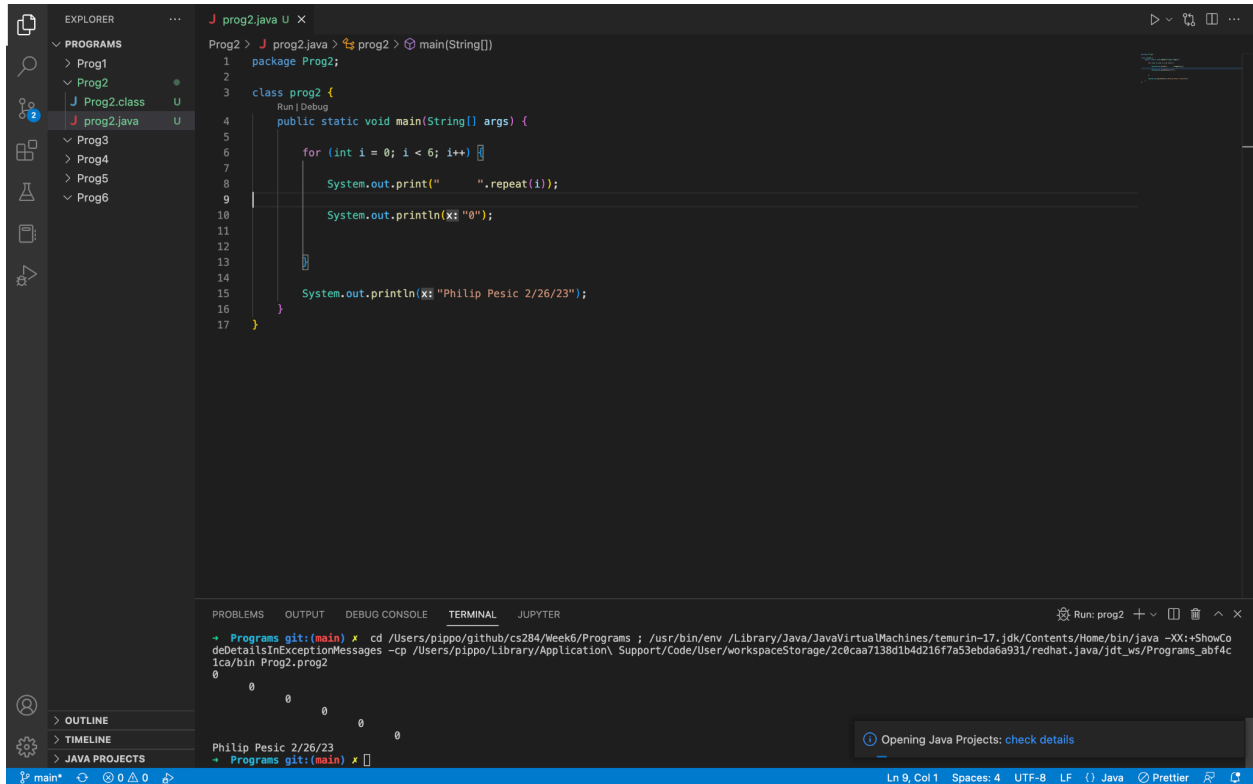
        System.out.println("Philip Pesic 2/26/23");
    }
}
```

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The screenshot shows an IDE with a dark theme. On the left, the Explorer panel shows a project structure with folders 'PROGRAMS' and 'Prog2', and files 'Prog2.class' and 'prog2.java'. The main editor displays the code for 'prog2.java':

```
1 package Prog2;
2
3 class prog2 {
4     public static void main(String[] args) {
5
6         for (int i = 0; i < 6; i++) {
7             System.out.print("    ".repeat(i));
8             System.out.println("0");
9         }
10
11         System.out.println("Philip Pesic 2/26/23");
12     }
13 }
14
15
16
17
```

Below the editor, the TERMINAL panel shows the command prompt output:

```
+ Programs git:(main) x cd /Users/pippo/github/cs284/Week6/Programs ; /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCo
deDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support/Code/User/workspaceStorage/2c0caa7138d1b4d216f7a53ebda6a931/redhat.java/jdt_ws/Programs_abf4c
1ca/bin Prog2.prog2
0
0
0
0
0
0
Philip Pesic 2/26/23
+ Programs git:(main) x
```

The status bar at the bottom indicates 'Ln 9, Col 1', 'Spaces: 4', 'UTF-8', 'LF', 'Java', 'Prettier', and 'main*'.

I learned: how to use for loops