

Philip Pesic

Week 14

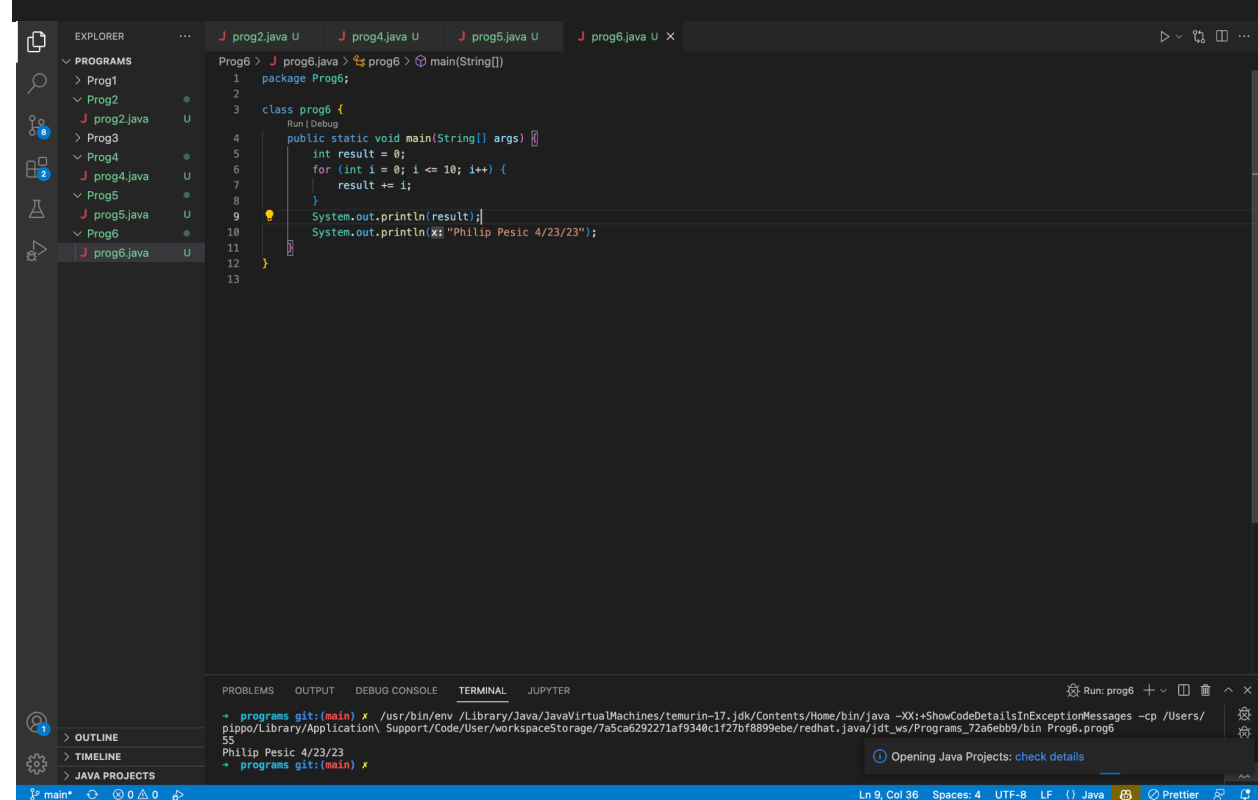
April 23 2023

Week 14 Prog 6

Write a non recursive version of assignment 5... using a regular loop

```
package Prog6;

class prog6 {
    public static void main(String[] args) {
        int result = 0;
        for (int i = 0; i <= 10; i++) {
            result += i;
        }
        System.out.println(result);
        System.out.println("Philip Pesic 4/23/23");
    }
}
```



The screenshot shows an IDE with the Explorer panel on the left listing programs Prog1 through Prog6. The main editor displays the Java code for Prog6, which is a class named prog6 with a main method. The main method calculates the sum of integers from 0 to 10 using a for loop and prints the result, followed by a string identifying the author and date. The bottom panel shows the terminal output, which matches the code's output: 55 and Philip Pesic 4/23/23. The status bar at the bottom indicates the current line and column (Ln 9, Col 36) and the file encoding (UTF-8).

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I practiced substituting loops for recursion