Philip Pesic

Week 4

February 12 2023

Week 4 Prog 4

Write a program from scratch.

1) Inputs your first name, and then last name.

2) Print out the labeled contents of the firstName variable and the lastName variable.

(This should actually be correct)

3) Next, switch the content of the lastName and firstName variables in the program code.

(be careful at this step !)

4) Print out the labeled contents of the firstName variable and the lastName variable.

(This should be switched)

```java
package prog4;
import java.util.Scanner;

public class prog4 {
    public static void main(String[] args) {
        String first;
        String last;
        String temp;

        Scanner input = new Scanner(System.in);
        System.out.println("Enter first name: ");
        first = input.nextLine();

        System.out.println("Enter last name: ");
        last = input.nextLine();

        System.out.println("Full Name: " + first + " " + last);

        temp = first;
        first = last;
        last = temp;
        System.out.println("Reverse Name: " + first + " " + last);
```
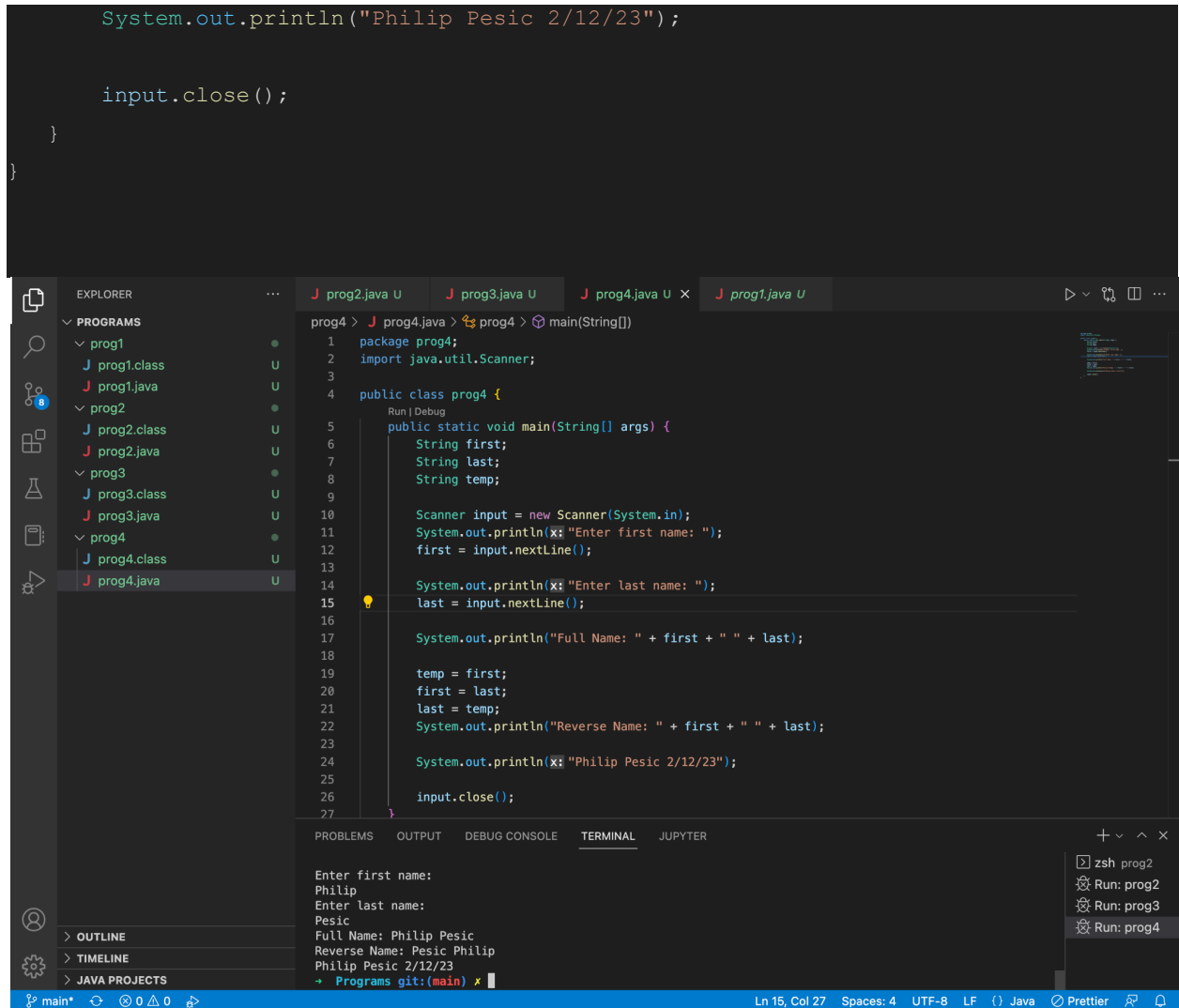
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Week 4 Prog 4

```java
        System.out.println("Philip Pesic 2/12/23");


        input.close();

    }

}
```

```
EXPLORER                    ...        J prog2.java U      J prog3.java U      J prog4.java U ×     J prog1.java U
∨ PROGRAMS                            prog4 > J prog4.java > ✿ prog4 > ⦿ main(String[])
  ∨ prog1                    ●          1   package prog4;
    J prog1.class            U          2   import java.util.Scanner;
    J prog1.java             U          3
  ∨ prog2                    ●          4   public class prog4 {
    J prog2.class            U                  Run | Debug
    J prog2.java             U          5       public static void main(String[] args) {
  ∨ prog3                    ●          6           String first;
    J prog3.class            U          7           String last;
    J prog3.java             U          8           String temp;
  ∨ prog4                    ●          9
    J prog4.class            U         10           Scanner input = new Scanner(System.in);
    J prog4.java             U         11           System.out.println(x: "Enter first name: ");
                                       12           first = input.nextLine();
                                       13
                                       14           System.out.println(x: "Enter last name: ");
                                       15   💡      last = input.nextLine();
                                       16
                                       17           System.out.println("Full Name: " + first + " " + last);
                                       18
                                       19           temp = first;
                                       20           first = last;
                                       21           last = temp;
                                       22           System.out.println("Reverse Name: " + first + " " + last);
                                       23
                                       24           System.out.println(x: "Philip Pesic 2/12/23");
                                       25
                                       26           input.close();
                                       27       }

                                       PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   JUPYTER
                                                                                                         ⟩ zsh prog2
                                       Enter first name:                                                 ✿ Run: prog2
                                       Philip                                                            ✿ Run: prog3
                                       Enter last name:                                                  ✿ Run: prog4
                                       Pesic
                                       Full Name: Philip Pesic
                                       Reverse Name: Pesic Philip
                                       Philip Pesic 2/12/23
> OUTLINE                              → Programs git:(main) x ▌
> TIMELINE
> JAVA PROJECTS
⟑ main*  ⟳  ⊗ 0 ⚠ 0                                                    Ln 15, Col 27   Spaces: 4   UTF-8   LF   {} Java   ⊘ Prettier
```

I learned: how to use a temp variable to swap values