

Philip Pesic

Week 4

February 12 2023

Week 4 Prog 2

Write a program from scratch, that asks a person how tall they are. “How many feet and how many inches are you”

```
package prog2;
import java.util.Scanner;

class prog2 {
    public static void main (String[] args) {
        int feet;
        int inches;
        int totalHeight;
        Scanner input = new Scanner(System.in);

        System.out.println("Enter height in feet:");
        feet = input.nextInt();

        System.out.println("Enter height in inches:");
        inches = input.nextInt();

        totalHeight = (feet * 12) + inches;
        System.out.println("You are " + totalHeight + " inches tall!");

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

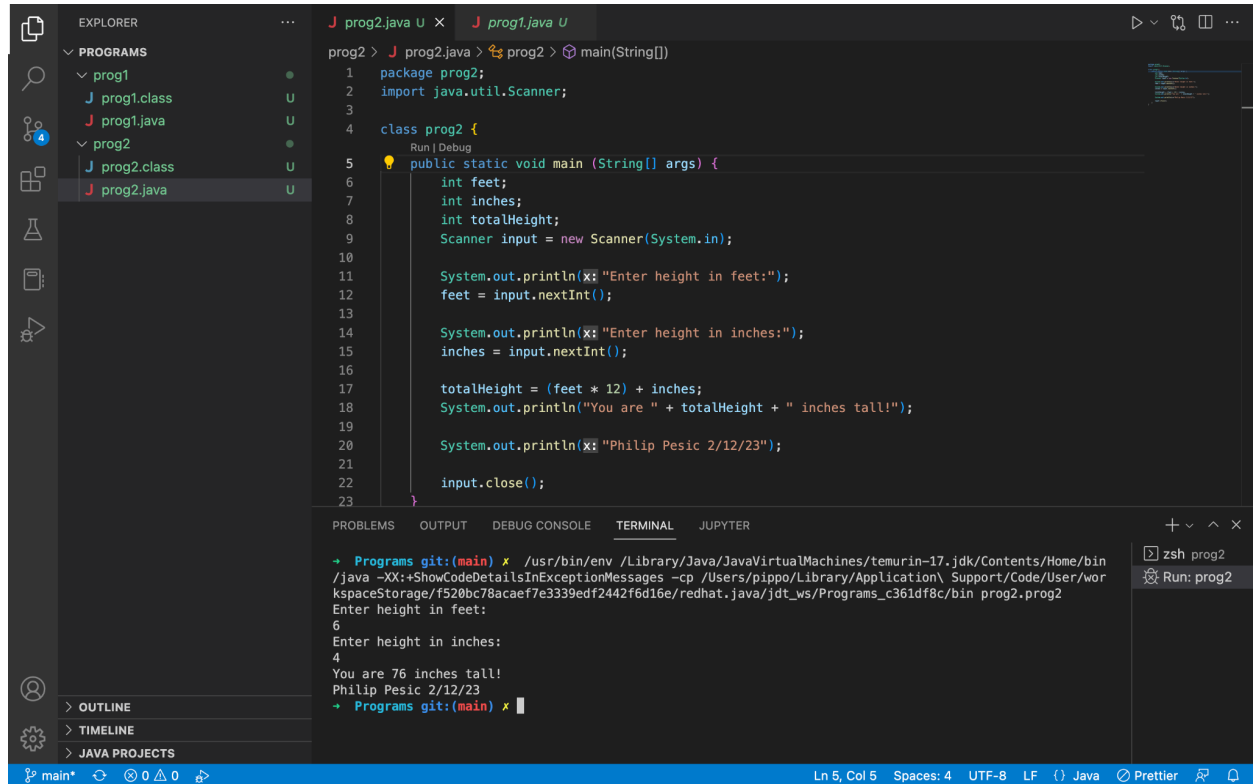
        input.close();
    }
}
```

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The screenshot shows an IDE with a project named 'PROGRAMS' containing two sub-projects: 'prog1' and 'prog2'. The 'prog2' sub-project contains 'prog2.class' and 'prog2.java'. The 'prog2.java' file is open in the editor, showing the following code:

```
1 package prog2;
2 import java.util.Scanner;
3
4 class prog2 {
5     public static void main (String[] args) {
6         int feet;
7         int inches;
8         int totalHeight;
9         Scanner input = new Scanner(System.in);
10
11         System.out.println("Enter height in feet:");
12         feet = input.nextInt();
13
14         System.out.println("Enter height in inches:");
15         inches = input.nextInt();
16
17         totalHeight = (feet * 12) + inches;
18         System.out.println("You are " + totalHeight + " inches tall!");
19
20         System.out.println("Philip Pesic 2/12/23");
21
22         input.close();
23     }
24 }
```

The terminal output shows the execution of the program:

```
Programs git:(main) x /usr/bin/env /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin
/java -XX:+ShowCodeDetailsInExceptionMessages -cp /Users/pippo/Library/Application\ Support/Code/User/wor
kspaceStorage/f520bc78acae7e3339edf2442f6d16e/redhat.java/jdt_ws/Programs_c361df8c/bin prog2.prog2
Enter height in feet:
6
Enter height in inches:
4
You are 76 inches tall!
Philip Pesic 2/12/23
Programs git:(main) x
```

I learned: how to use user inputs to calculate a new value and output it