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## Did you catch the two egregious errors?

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When I teach a programming course in-person, I often introduce errors in my code to see if students can catch them. Those moments serve as a sneaky way to evaluate the student's learning and make a point. A situation like that occurred in the previous on Craps.java. Of course, we weren't in-person as you watched the video, but hopefully that did not stop you from catching the problem. If not, here's another chance!

See if you can spot any glaring problems that exist below. I've placed a hint at the bottom of this page. Only jump there if you are unable to find them after looking through the code for at least a couple of minutes.

```
public class Craps {
    private Die die1, die2;
    private int point;

    public Craps() {
        die1 = new Die();
        die2 = new Die();
    }

    private int toss() {
        int total = die1.roll() + die2.roll();
        System.out.println ("Die One: " + die1.getFaceValue()
                           + ", Die Two: " + die2.getFaceValue());

        return total;
    }

    private void go() {
        point = toss();
        System.out.println ("Point: " + point);
        if ((point == 7) || (point == 11)) {
            System.out.println("Winner!");
        }
        else if ((point == 2) || (point == 3) || (point == 12)) {
            System.out.println("You lost!");
        }
        else {
            System.out.println("Entering Stage 2");
            stage2();
        }
    }

    public void stage2() {

        boolean endGame = false;

        while (!endGame) {
            int total = toss();

            System.out.println("Total: " + total);
            if (total == point) {
                System.out.println("Winner!");
                endGame = true;
            }
        }
    }
}
```

```

        else if (total == 7) {
            System.out.println("You Lost!");
            endGame = true;
        }
    }
}

public static void main (String[] args) {

    // Create an instance of the game of craps
    Craps game = new Craps();

    // Start the game!
    game.go();
}
}

```

Hint: They are not compiler errors. Think about what you've learned about visibility modifiers.

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