

GuessingGame Mastery ReflectionLog

Below is the first, and final rendition of my code. I generate a random int / record the users inputted int and compare the two in an if else statement. If they are the same the program prints a win message, otherwise it prints a fail message.

I did not make any revisions to my code, and completed it in one sitting.

```
package Mastery;

import java.util.Scanner;

public class GuessingGame {

    public static void main(String[] args) {

        //Preparing for user input
        Scanner userInput = new Scanner(System.in);

        //Calculates random number
        int num = (int)((20 - 1 + 1) * Math.random() + 1);

        //Prompt and record user input
        System.out.print("Enter a number between 1 and 20: ");
        int user = userInput.nextInt();

        //Prints the random number and the users number
        System.out.println("Computer's Number: " + num);
        System.out.println("Player's Number: " + user);

        //Checks if they are the same number
        if (num == user) {
            //Prints winning statement if they are the same
            System.out.print("You won!");
        }
        else {
            //Prints losing statement if they are different
            System.out.print("Better luck next time.");
        }
    }
}
```