

```
/* Bryce Allen
1/14/15
Programming I
*/

import javax.swing.JOptionPane;

public class GuessingGame {

    public static void main(String[] args) {
        int computerNumber = (int) (Math.random()*100 + 1);
        System.out.println("The correct guess would be " + computerNumber);
        String response = JOptionPane.showInputDialog(null,
            "Enter a guess between 1 and 100","Guessing Game", 3);
        int userAnswer = Integer.parseInt(response);
        JOptionPane.showMessageDialog(null,"Your guess is " +
            determineGuess(userAnswer, computerNumber));
    }
    public static String determineGuess (int userAnswer, int computerNumber){
        if(userAnswer <= 0 || userAnswer > 100){
            return "invalid";
        }
        else if(userAnswer == computerNumber){
            return "correct";
        }
        else{
            return "incorrect";
        }
    }
}
```