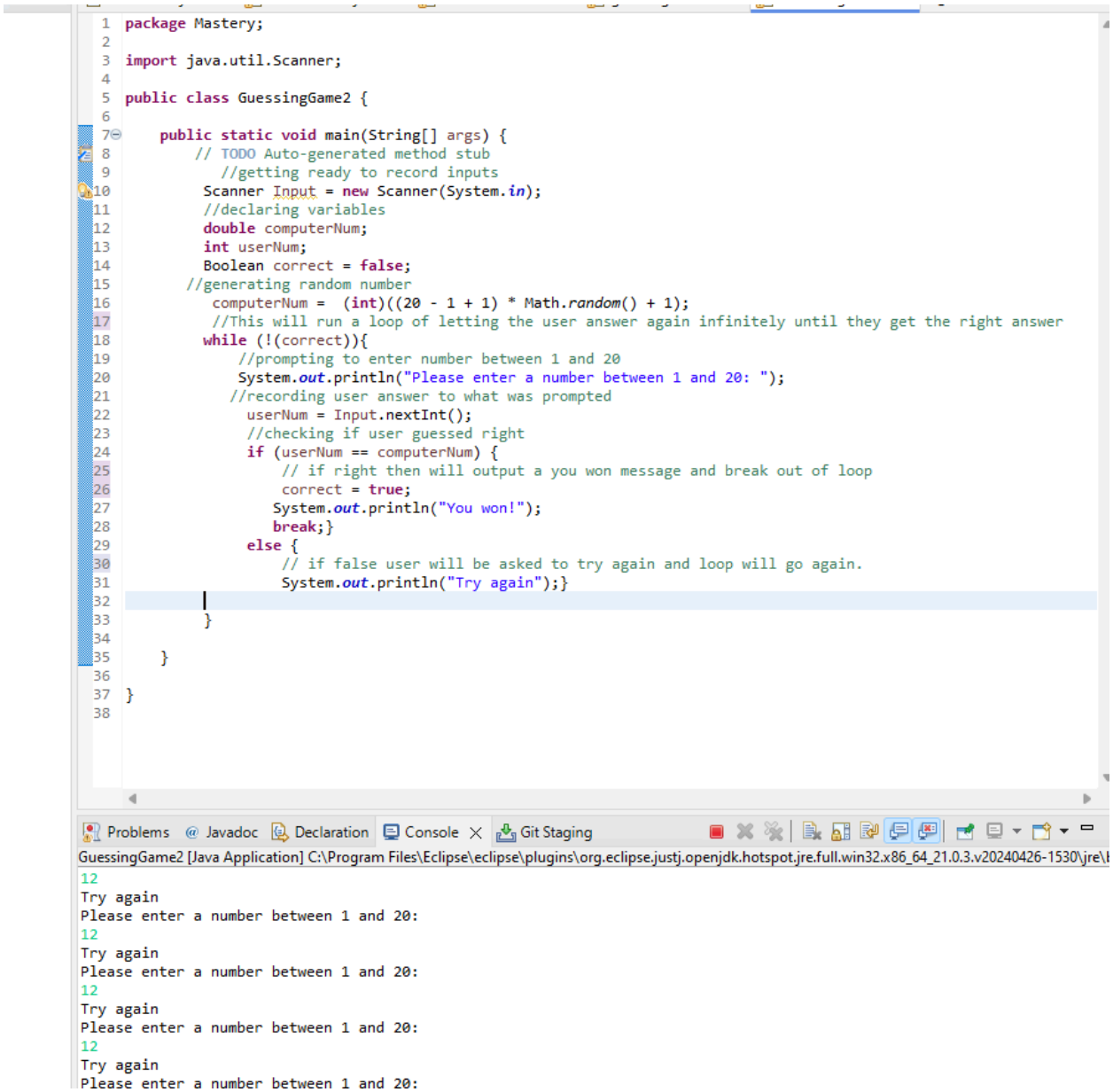
ErrorLog: GuessingGame2

Youdis



```java
package Mastery;

import java.util.Scanner;

public class GuessingGame2 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
          //getting ready to record inputs
        Scanner Input = new Scanner(System.in);
        //declaring variables
        double computerNum;
        int userNum;
        Boolean correct = false;
       //generating random number
         computerNum =  (int)((20 - 1 + 1) * Math.random() + 1);
         //This will run a loop of letting the user answer again infinitely until they get the right answer
        while (!(correct)){
            //prompting to enter number between 1 and 20
            System.out.println("Please enter a number between 1 and 20: ");
           //recording user answer to what was prompted
             userNum = Input.nextInt();
             //checking if user guessed right
             if (userNum == computerNum) {
                 // if right then will output a you won message and break out of loop
                 correct = true;
                System.out.println("You won!");
                break;}
             else {
                 // if false user will be asked to try again and loop will go again.
                 System.out.println("Try again");}

        }

    }

}
```

```
Problems  Javadoc  Declaration  Console  Git Staging
GuessingGame2 [Java Application] C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.3.v20240426-1530\jre\
12
Try again
Please enter a number between 1 and 20:
12
Try again
Please enter a number between 1 and 20:
12
Try again
Please enter a number between 1 and 20:
12
Try again
Please enter a number between 1 and 20:
```

When a user enters a number the number is entered below the prompt making it look ugly and weird as the prompt has a semi colon to indicate the number should be written right in front of it.

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         }

    }

}
```

Problems | Javadoc | Declaration | Console | Git Staging

GuessingGame2 [Java Application] C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.3.v20240426-1530\jre

```
Please enter a number between 1 and 20: 20
Try again
Please enter a number between 1 and 20: 12
Try again
Please enter a number between 1 and 20: 13
Try again
Please enter a number between 1 and 20: 14
Try again
Please enter a number between 1 and 20:
```

Replaced println with just print on line 20 which let the user enter the number next to the prompt rather than the bottom because println creates a new line.