

# ErrorLog: GuessingGame

Youdis

```

6
7 public static void main(String args[])
8 {
9     //getting ready to record inputs
10    Scanner Input = new Scanner(System.in);
11    //declaring variables
12    double computerNum;
13    int userNum;
14    //prompting to enter number between 1 and 20
15    System.out.print(s:"Please enter a number between 1 and 20: ");
16    //recording user answer to what was prompted
17    userNum = Input.nextInt();
18    //generating random number
19    computerNum = (int)(20 - 1 + 1) * Math.random() + 1;
20    //outputting both computers random number and number user inputted
21    System.out.print("Computers's number: " + computerNum);
22    System.out.print("Player's number: " + userNum);
23    //checking if computer number is the same as the random number from computer
24    if (userNum == (int)computerNum){
25        //if both numbers are the same then output you win
26        System.out.print(s:"You Won!");}
27    else {
28        //if not output better luck next time
29        System.out.print(s:"Better luck next time.");}
30
31
32
33

```

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

PS C:\Users\youidi\OneDrive\Desktop\Java> & 'C:\Program Files\Eclipse Adoptium\jdk-17.0.12.7-hotspot\bin\java.exe' -Xms1G -Xmx1G -Djava.class.path=C:\Users\youidi\OneDrive\Desktop\Java\src\redhat.java -jar C:\Users\youidi\OneDrive\Desktop\Java\src\redhat.jar
Please enter a number between 1 and 20: 15
Computers's number: 1.0950021636097875Player's number: 15Better luck next time.
PS C:\Users\youidi\OneDrive\Desktop\Java>

```

My output of the computer number, player number, and end message is on the same line and the computer number isn't printing as a whole number, instead it's printing as a decimal number.

```
Run | Debug
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15    System.out.print(s:"Please enter a number between 1 and 20: ");
16    //recording user answer to what was prompted
17    userNum = Input.nextInt();
18    //generating random number
19    computerNum = (int)((20 - 1 + 1) * Math.random() + 1);
20    //outputting both computers random number and number user inputted
21    System.out.println("Computers's number: " + (int)computerNum);
22    System.out.println("Player's number: " + userNum);
23    //checking if computer number is the same as the random number from computer
24    if (userNum == (int)computerNum){
25        //if both numbers are the same then output you win
26        System.out.println(x:"You Won!");}
27    else {
28        //if not output better luck next time
29        System.out.println(x:"Better luck next time.");}
30
31
32
33 }
34 }
```

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Better luck next time.
PS C:\Users\youidi\OneDrive\Desktop\Java> ^C
PS C:\Users\youidi\OneDrive\Desktop\Java>
PS C:\Users\youidi\OneDrive\Desktop\Java> c::; cd 'c:\Users\youidi\OneDrive\Desktop\Java'; & 'C:\Program Fi
' 'C:\Users\youidi\AppData\Roaming\Code\User\workspaceStorage\242872525fea7ea01645a34d1c9c5a58\redhat.java
Please enter a number between 1 and 20: 12
Computers's number: 10
Player's number: 12
Better luck next time.
PS C:\Users\youidi\OneDrive\Desktop\Java> ^C
PS C:\Users\youidi\OneDrive\Desktop\Java>
PS C:\Users\youidi\OneDrive\Desktop\Java> c::; cd 'c:\Users\youidi\OneDrive\Desktop\Java'; & 'C:\Program Fi
' 'C:\Users\youidi\AppData\Roaming\Code\User\workspaceStorage\242872525fea7ea01645a34d1c9c5a58\redhat.java
Please enter a number between 1 and 20: 15
Computers's number: 15
Player's number: 15
```

Fixed it by using println instead of print for new lines

And fixed decimal problem by bracketing the equation to get computer number and then  
typecasting it into an int