

eclipse-workspace - asdfghjk/NumberGuessingGame.java - Eclipse IDE

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 - IRE System Library [JavaSE-17]
 - src
 - My_package

```
1 package asdfghjk;
2
3 import java.util.Random;
4
5
6 public class NumberGuessingGame {
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9         Random random = new Random();
10
11         int lowerBound = 1;
12         int upperBound = 100;
13         int numberToGuess = random.nextInt(upperBound - lowerBound + 1) + lowerBound;
14
15         int maxAttempts = 10;
16         int attempts = 0;
17
18         System.out.println("Welcome to the Number Guessing Game!");
19         System.out.println("I have selected a number between " + lowerBound + " and " + upperBound + ". Try to guess it!");
20
21         while (attempts < maxAttempts) {
22             System.out.print("Enter your guess: ");
23             int userGuess = scanner.nextInt();
24             attempts++;
25
26             if (userGuess < lowerBound || userGuess > upperBound) {
27                 System.out.println("Please enter a valid number between " + lowerBound + " and " + upperBound + ".");
28                 continue;
29             }
30
31             if (userGuess == numberToGuess) {
32                 System.out.println("Congratulations! You guessed the correct number in " + attempts + " attempts.");
33                 break;
34             } else if (userGuess < numberToGuess) {
35                 System.out.println("Too low. Try again!");
36             } else {
37                 System.out.println("Too high. Try again!");
38             }
39         }
40     }
41 }
```

@ Javadoc Declaration Console

NumberGuessingGame [Java Application] C:\Users\aksha\p2\poo\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.8.v20230831-1047\jre\bin\javaw.exe (08-Mar-2024, 9:18:20 pm) [pid: 12384]

Enter your guess:

83°F Partly cloudy

Search

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