



Online Java Compiler IDE

<https://www.jdoodle.com/online-java-compiler>

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```
1  import java.util.Random;
2  import java.util.Scanner;
3
4  public class GuessTheNumber {
5
6      public static void main(String[] args) {
7          Scanner scanner = new Scanner(System.in);
8          Random random = new Random();
9
10         int maxNumber = 10; // to adjust the guessing range
11         int attempts = 2;   // to adjust the number of attempts
12         int totalRounds = 3; // to adjust the number of rounds
13         int score = 0;
14
15         for (int round = 1; round <= totalRounds; round++) {
16             int randomNumber = random.nextInt(maxNumber) + 1; // Generate random number
17
18             System.out.println("Round " + round + ": Guess the number between 1 and " + maxNumber);
19
20             int guessCount = 0;
21             boolean guessedCorrect = false;
22
23             while (guessCount < attempts && !guessedCorrect) {
24                 System.out.print("Enter your guess: ");
25                 int guess = scanner.nextInt();
26
27                 guessCount++;
28
29                 if (guess == randomNumber) {
30                     guessedCorrect = true;
31                     System.out.println("Congratulations! You guessed the number in " + guessCount +
32
33                         // Calculate points based on attempts (higher attempts, lower points)
34                         int points = attempts - guessCount;
35                         score += points;
36                         System.out.println("You scored " + points + " points this round!");
37                 } else if (guess > randomNumber) {
38                     System.out.println("Your guess is too high. Try again.");
39                 } else {
40                     System.out.println("Your guess is too low. Try again.");
41                 }
42             }
43
44             if (!guessedCorrect) {
45                 System.out.println("You ran out of attempts. The number was " + randomNumber);
46             }
47         }
48
49         System.out.println("Total Score: " + score);
50         scanner.close();
51     }
52 }
53
```

External Libraries

Upload Files

Input

Output



JDroid

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```
Round 1: Guess the number between 1 and 10
Enter your guess: 5
Your guess is too high. Try again.
Enter your guess: 9
Your guess is too high. Try again.
You ran out of attempts. The number was 1
Round 2: Guess the number between 1 and 10
Enter your guess: 2
Your guess is too high. Try again.
Enter your guess: 8
Your guess is too low. Try again.
You ran out of attempts. The number was 9
Round 3: Guess the number between 1 and 10
Enter your guess: 
```

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