

File Edit Selection View Go Run Terminal Help

Search

EXPLORER

NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

Opening a folder will close all currently open editors. To keep them open, add a folder instead.

You can also open a Java project folder, or create a new Java project by clicking the button below.

Create Java Project

OUTLINE

TIMELINE

SONARLINT ISSUE LOCATIONS

JAVA PROJECTS

MAVEN

NumberGuessingGame.java 9

MicroProfile Overview

C:\Users> galis > OneDrive > Desktop > NumberGuessingGame.java

```
1 import java.util.Random;
2 import java.util.Scanner;
3
4 public class NumberGuessingGame {
5
6     Run | Debug
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9         Random random = new Random();
10
11         int minRange = 1;
12         int maxRange = 100;
13         int randomNumber = random.nextInt(maxRange - minRange + 1) + minRange;
14         int attempts = 0;
15         boolean hasGuessedCorrectly = false;
16
17         System.out.println(x:"Welcome to the Number Guessing Game!");
18         System.out.println("I've selected a random number between " + minRange + " and " + maxRange + ". Try to guess it.");
19
20         while (!hasGuessedCorrectly) {
21             System.out.print(s:"Enter your guess: ");
22             int userGuess = scanner.nextInt();
23             attempts++;
24
25             if (userGuess < minRange || userGuess > maxRange) {
26                 System.out.println(x:"Please enter a number within the specified range.");
27             }
28         }
29     }
30 }
```

PROBLEMS 9

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

COMMENTS

Welcome to the Number Guessing Game!
I've selected a random number between 1 and 100. Try to guess it.
Enter your guess: 12
Too low! Try again.
Enter your guess: 56
Too low! Try again.
Enter your guess: 200
Please enter a number within the specified range.
Enter your guess: 39
Too low! Try again.
Enter your guess: 100
Too high! Try again.
Enter your guess:

Ln 39, Col 1

Spaces: 4

UTF-8

CRLF

{ } Java

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```
22         attempts++;
23
24         if (userGuess < minRange || userGuess > maxRange) {
25             System.out.println(x:"Please enter a number within the specified range.");
26         } else if (userGuess < randomNumber) {
27             System.out.println(x:"Too low! Try again.");
28         } else if (userGuess > randomNumber) {
29             System.out.println(x:"Too high! Try again.");
30         } else {
31             hasGuessedCorrectly = true;
32             System.out.println("Congratulations! You've guessed the correct number (" + randomNumber + ") in " + attempts + " attempt
33         }
34     }
35
36     scanner.close();
37 }
38
39
```

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Enter your guess:

powershell

Run: Numb...

Ln 39, Col 1 Spaces: 4 UTF-8 CRLF {} Java