

```
import java.util.Random;

import java.util.Scanner;


public class GuessTheNumberGame {

    public static void main(String[] args) {

        System.out.println("Welcome to Guess the Number Game!");

        Scanner scanner = new Scanner(System.in);

        Random random = new Random();

        String playAgain = "yes";

        int totalRounds = 0;

        int totalAttempts = 0;

        while (playAgain.toLowerCase().equals("yes")) {

            totalRounds++;

            int attempts = 0;

            int numberToGuess = random.nextInt(100) + 1;

            System.out.println("I have selected a number between 1 and 100. Try to guess it!");

            while (true) {

                System.out.print("Enter your guess: ");

                int guess = scanner.nextInt();

                attempts++;

                if (guess < numberToGuess) {

                    System.out.println("Too low! Try again.");

                } else if (guess > numberToGuess) {

                    System.out.println("Too high! Try again.");

                } else {
```

```
        System.out.println("Congratulations! You've guessed the number " +
numberToGuess + " correctly in " + attempts + " attempts!");

        totalAttempts += attempts;

        break;
    }

}

System.out.print("Do you want to play again? (yes/no): ");

playAgain = scanner.next();

}

System.out.println("Game Over! You played " + totalRounds + " round(s) and took " +
totalAttempts + " attempt(s) in total.");

}

}
```