

```

import java.util.Random;

import java.util.Scanner;


public class GuessTheNumber {

    public static void main(String[] args) {

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

        Scanner scanner = new Scanner(System.in);

        String playAgain = "yes";

        int totalAttempts = 0;

        int totalRounds = 0;

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

            totalRounds += 1;

            Random random = new Random();

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

            int attempts = 0;

            int maxAttempts = 5;

            while (true) {

                System.out.print("Guess the number between 1 and 100: ");

                int userGuess = scanner.nextInt();

                attempts += 1;

                totalAttempts += 1;

                if (userGuess == targetNumber) {

                    System.out.println("Congratulations! You guessed the correct number " + targetNumber + "
in " + attempts + " attempts!");

                    break;

                } else if (userGuess < targetNumber) {

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

                } else {

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

```

```
    }  
    if (attempts >= maxAttempts) {  
        System.out.println("Sorry, you've reached the maximum number of attempts. The correct  
number was " + targetNumber + ".");  
        break;  
    }  
}  
  
System.out.print("Do you want to play again? (yes/no): ");  
playAgain = scanner.next();  
}  
  
System.out.println("Game Over!");  
  
System.out.println("You played " + totalRounds + " round(s) and made a total of " + totalAttempts +  
" attempt(s).");  
}  
}
```