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import java.util.Scanner;
import java.util.Random;

public class GuessingGame {

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        Random random = new Random();

        int secretNumber = random.nextInt(100) + 1; // Generate a random number between 1 and 100
        int attempts = 0;
        int maxAttempts = 5;

        System.out.println("Welcome to the Number Guessing Game");
        System.out.println("The Number is between 1 and 100.");

        while (attempts < maxAttempts) {
            System.out.print("Enter your guess (Attempt " + (attempts + 1) + "/" + maxAttempts + "): ");
            int guess = scanner.nextInt();
            attempts++;

            if (guess == secretNumber) {
                System.out.println("Congratulations! You successfully guessed the number.");
                System.out.println("Number of attempts: " + attempts);
                break;
            } else if (guess < secretNumber) {
                System.out.println("Please Enter big number.");
            } else {
                System.out.println("Please Enter lower number.");
            }
        }

        if (attempts == maxAttempts && secretNumber != scanner.nextInt()) {
            System.out.println("Sorry, you've run out of attempts.");
            System.out.println("The number I was thinking of was: " + secretNumber);
        }

        scanner.close();
    }
}
```

E:\T1\COGNORISEPROGRAM>javac GuessingGame.java

E:\T1\COGNORISEPROGRAM>java GuessingGame

Welcome to the Number Guessing Game

The Number is between 1 and 100.

Enter your guess (Attempt 1/5): 56

Please Enter big number.

Enter your guess (Attempt 2/5): 78

Please Enter lower number.

Enter your guess (Attempt 3/5): 67

Please Enter big number.

Enter your guess (Attempt 4/5): 70

Please Enter big number.

Enter your guess (Attempt 5/5): 75

Please Enter big number.

90

Sorry, you've run out of attempts.

The number I was thinking of was: 76

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