Updated number game

import java.util.Scanner;

import java.util.Random;

public class NumberGame {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

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

System.out.print("Enter the minimum value for the range: ");

int minRange = scanner.nextInt();

System.out.print("Enter the maximum value for the range: ");

int maxRange = scanner.nextInt();

final int MAX\_ATTEMPTS = 5;

Random random = new Random();

int numberToGuess = random.nextInt(maxRange - minRange + 1) + minRange;

int attempts = 0;

boolean hasGuessed = false;

System.out.println("Guess a number between " + minRange + " and " + maxRange + ".");

while (attempts < MAX\_ATTEMPTS) {

System.out.print("Attempt " + (attempts + 1) + " - 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 {

hasGuessed = true;

break;

}

}

if (hasGuessed) {

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

} else {

System.out.println("Sorry, you did not guess the number. The correct number was " + numberToGuess + ".");

}

scanner.close();

}

}