package assignment21;

import java.util.Scanner;

import java.util.Random;

public class Assignment21 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

Random ran = new Random();

int guessCount = 1;

int guessNumber = -1;

int randomNumber;

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("Welcome to the guessing game");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

randomNumber = ran.nextInt(10) + 1;

while (guessNumber != randomNumber) {

System.out.print("Enter a number from 1 to 10: ");

guessNumber = sc.nextInt();

if (guessNumber == randomNumber) {

// The user won

System.out.println("You won! The number was " + guessNumber);

System.out.println("It took you " + guessCount + " guesses to win.");

}

else {

// The user missed

guessCount++;

System.out.println("Try again...");

}

}

}

}