import java.util.Random;

import java.util.Scanner;

public class NumberGuessingGame {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

Random random = new Random();

int totalScore = 0;

boolean playAgain = true;

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

while (playAgain) {

int numberToGuess = random.nextInt(100) + 1; // Range: 1 to 100

int maxAttempts = 7;

int attemptsUsed = 0;

boolean guessedCorrectly = false;

System.out.println("\n🔢 I have picked a number between 1 and 100.");

System.out.println("You have " + maxAttempts + " attempts to guess it!");

while (attemptsUsed < maxAttempts) {

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

int userGuess = scanner.nextInt();

attemptsUsed++;

if (userGuess == numberToGuess) {

System.out.println("🎉 Congratulations! You guessed the correct number in " + attemptsUsed + " attempt(s)!");

totalScore += (maxAttempts - attemptsUsed + 1) \* 10; // Higher score for fewer attempts

guessedCorrectly = true;

break;

} else if (userGuess < numberToGuess) {

System.out.println("📉 Too low! Try a higher number.");

} else {

System.out.println("📈 Too high! Try a lower number.");

}

}

if (!guessedCorrectly) {

System.out.println("❌ You've used all your attempts. The correct number was: " + numberToGuess);

}

System.out.println("🎯 Your current score: " + totalScore);

// Ask for next round

System.out.print("\nDo you want to play another round? (yes/no): ");

scanner.nextLine(); // consume leftover newline

String response = scanner.nextLine().toLowerCase();

if (!response.equals("yes")) {

playAgain = false;

System.out.println("\n🏁 Game Over! Your final score: " + totalScore);

}

}

scanner.close();

}

}