import java.util.Random;

import java.util.Scanner;

public class GuessTheNumber {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

Random random = new Random();

int lowerBound = 1;

int upperBound = 100;

int numberOfRounds = 4;

int maxAttempts = 7;

int totalScore = 0;

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

System.out.println("You have " + numberOfRounds + " rounds to play.");

for (int round = 1; round <= numberOfRounds; round++) {

int targetNumber = random.nextInt(upperBound - lowerBound + 1) + lowerBound;

int attempts = 0;

int score = 0;

System.out.println("\nRound " + round + ":");

System.out.println("Guess the number between " + lowerBound + " and " + upperBound + ".");

while (attempts < maxAttempts) {

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

int userGuess = scanner.nextInt();

attempts++;

if (userGuess == targetNumber) {

System.out.println("Congratulations! You guessed it right.");

score = maxAttempts - attempts + 1;

totalScore += score;

break;

} else if (userGuess < targetNumber) {

System.out.println("Try a higher number.");

} else {

System.out.println("Try a lower number.");

}

if (attempts < maxAttempts) {

System.out.println("Attempts left: " + (maxAttempts - attempts));

}

}

if (attempts == maxAttempts) {

System.out.println("Sorry, you've run out of attempts. The correct number was: " + targetNumber);

}

System.out.println("Round " + round + " Score: " + score);

}

System.out.println("\nGame Over!");

System.out.println("Total Score: " + totalScore);

scanner.close();

}

}