import java.util.\*;

public class Main {

public static void main(String[] args) {

Random random = new Random();

Scanner sc = new Scanner(System.in);

System.out.println("Enter player name 1: ");

String name1 = sc.nextLine();

System.out.println("Enter player name 2: ");

String name2 = sc.nextLine();

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

System.out.println("Hello " + name1 + " and " + name2);

System.out.println("Computer has 5 integers from 1 to 10 in its brain.");

System.out.println("You both have 3 chances to guess the numbers.");

System.out.println("Start the game!");

List<Integer> numList = new ArrayList<>();

while (numList.size() < 5) {

int n = random.nextInt(10) + 1;

if (!numList.contains(n)) {

numList.add(n);

}

}

int player1Score = 0;

int player2Score = 0;

for (int i = 0; i < 3; i++) {

System.out.println(name1 + ", enter your guess: ");

int player1Guess = sc.nextInt();

if (numList.contains(player1Guess)) {

player1Score++;

System.out.println("Correct guess, " + name1 + "!");

} else {

System.out.println("Wrong guess, " + name1 + "!");

}

System.out.println(name2 + ", enter your guess: ");

int player2Guess = sc.nextInt();

if (numList.contains(player2Guess)) {

player2Score++;

System.out.println("Correct guess, " + name2 + "!");

} else {

System.out.println("Wrong guess, " + name2 + "!");

}

}

// Announce the winner

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

System.out.println("Game Over!");

System.out.println(name1 + "'s score: " + player1Score);

System.out.println(name2 + "'s score: " + player2Score);

if (player1Score > player2Score) {

System.out.println(name1 + " wins!");

} else if (player2Score > player1Score) {

System.out.println(name2 + " wins!");

} else {

System.out.println("It's a tie!");

}

sc.close();

}

}