import java.util.Scanner;  
import java.util.Random;  
  
public class let {  
 public static void main(String[] args) {  
 Scanner sc = new Scanner(System.*in*);  
 Random random = new Random();  
 int minRange = 1;  
 int maxRange = 100;  
 int maxAttempts = 10;  
 int score = 0;  
  
 boolean playAgain = true;  
 while (playAgain) {  
 int targetNumber = random.nextInt(maxRange - minRange + 1) + minRange;  
 System.*out*.println("Welcome to the Number Guessing Game!");  
 System.*out*.println("I have selected a number between " + minRange + " and " + maxRange + ".");  
 System.*out*.println("You have " + maxAttempts + " attempts to guess it.");  
  
 int attempts = 0;  
 boolean guessedCorrectly = false;  
 while (attempts < maxAttempts) {  
 System.*out*.print("Enter your guess: ");  
 int userGuess = sc.nextInt();  
 attempts++;  
  
 if (userGuess == targetNumber) {  
 guessedCorrectly = true;  
 break;  
 } else if (userGuess < targetNumber) {  
 System.*out*.println("Your guess is too low.");  
 } else {  
 System.*out*.println("Your guess is too high.");  
 }  
 }  
  
 if (guessedCorrectly) {  
 score++;  
 System.*out*.println("Congratulations! You've guessed the number " + targetNumber + " in " + attempts + " attempts.");  
 } else {  
 System.*out*.println("Sorry, you've used all your attempts. The correct number was: " + targetNumber);  
 }  
  
 System.*out*.println("Your current score: " + score);  
 System.*out*.print("Do you want to play again? (yes/no): ");  
 String playAgainResponse = sc.next();  
 playAgain = playAgainResponse.equalsIgnoreCase("yes");  
 }  
  
 System.*out*.println("Thank you for playing the Number Guessing Game!");  
 }  
}