GUESS THE NUMBER BETWEEN 1 to 100

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();

boolean playAgain = true;

int totalRounds = 0;

int totalScore = 0;

while (playAgain) {

int numberToGuess = random.nextInt(100) + 1;

int attempts = 0;

int maxAttempts = 7;

boolean guessedCorrectly = false;

System.out.println("Guess the number between 1 and 100. You have " + maxAttempts + " attempts.");

while (attempts < maxAttempts && !guessedCorrectly) {

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

int userGuess = scanner.nextInt();

attempts++;

if (userGuess == numberToGuess) {

guessedCorrectly = true;

System.out.println("Congratulations! You guessed the correct number in " + attempts + " attempts.");

} else if (userGuess < numberToGuess) {

System.out.println("Too low!");

} else {

System.out.println("Too high!");

}

}

if (!guessedCorrectly) {

System.out.println("Sorry, you ran out of attempts. The correct number was " + numberToGuess);

}

totalRounds++;

totalScore += maxAttempts - attempts;

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

playAgain = scanner.next().equalsIgnoreCase("yes");

}

System.out.println("Game Over. You played " + totalRounds + " rounds and scored " + totalScore + " points.");

scanner.close();

}

}