import java.util.\*;

public class numbergame {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

Random random = new Random();

int rounds = 0;

int totalScore = 0;

while (true) {

int attempts = 0;

int limit = 5;

int lowerBound = 1;

int upperBound = 100;

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

boolean hasWon = false;

System.out.println("Round " + (rounds + 1) + ":");

System.out.println("You have " + limit + " attempts to guess the number!");

while (attempts < limit) {

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

int playerGuess = in.nextInt();

attempts++;

if (playerGuess == numberToGuess) {

System.out.println("Congratulations! You've guessed the correct number.");

hasWon = true;

break;

} else if (playerGuess < numberToGuess) {

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

} else {

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

}

}

if (hasWon) {

int roundScore = (limit - attempts + 1) \* 10;

totalScore += roundScore;

System.out.println("You won this round with a score of: " + roundScore);

} else {

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

}

rounds++;

System.out.println("Total score after " + rounds + " round(s): " + totalScore);

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

String playAgain = in.next();

if (!playAgain.equalsIgnoreCase("yes")) {

System.out.println("Thanks for playing! Your final score is: " + totalScore);

break;

}

}

in.close();

}

}