package basics;

import java.time.LocalTime;

import java.util.Random;

import java.util.Scanner;

import java.util.concurrent.TimeUnit;

public class JavaPrograms {

static String[] words = {"determination","technology","most","useful","science","general","population","transform","gadgets","devices"};

public static void main(String[] args) throws InterruptedException {

System.out.println("3");

TimeUnit.SECONDS.sleep(1);

System.out.println("2");

TimeUnit.SECONDS.sleep(1);

System.out.println("1");

TimeUnit.SECONDS.sleep(1);

Random rand =new Random();

for(int i=0;i<10;i++) {

System.out.print(words[rand.nextInt(9)] +" ");

}

System.out.println();

double start = LocalTime.now().toNanoOfDay();

Scanner scan = new Scanner(System.in);

String typedWords = scan.nextLine();

double end = LocalTime.now().toNanoOfDay();

double elapsedTime = end - start;

double seconds = elapsedTime / 1000000000.0;

int numChars = typedWords.length();

int wpm = (int)((((double) numChars /5) / seconds)\*60);

System.out.println(" YOUR WPM IS " + wpm + "!");

}

}