**Java**

import java.util.\*;

public class Main {

public static void main(String[] args) {

int[] array = {1, 2, 3, 4, 5, 6, 7};

Random random = new Random();

for (int i = 0; i < array.length; i++) {

int Index = random.nextInt(array.length);

int temp = array[i];

array[i] = array[Index];

array[Index] = temp;

}

System.out.println(Arrays.toString(array));

}

}

2)

import java.util.\*;

public class Main {

public static int romanToInt() {

int[] values = {1000, 900, 500, 400, 100, 90, 50, 40, 10, 9, 5, 4, 1};

String[] symbols = {"M", "CM", "D", "CD", "C", "XC", "L", "XL", "X", "IX", "V", "IV", "I"};

System.out.println("Enter a Roman numeral: ");

Scanner scanner = new Scanner(System.in);

String romanNumeral = scanner.nextLine();

int result = 0;

int i = 0;

while (i < romanNumeral.length()) {

for (int j = 0; j < symbols.length; j++) {

if (romanNumeral.startsWith(symbols[j])) {

result += values[j];

romanNumeral = romanNumeral.substring(symbols[j].length());

i += symbols[j].length();

break;

}}}

return result;

}

public static void main(String[] args) {

int integerValue = romanToInt();

System.out.println("The answer is" + integerValue);

}

}

3)

import java.util.\*;

public class Main {

public static boolean isPangram() {

boolean[] marked = new boolean[26];

System.out.println("Enter a string: ");

Scanner scanner = new Scanner(System.in);

String input = scanner.nextLine();

for (int i = 0; i < input.length(); i++) {

char c = input.charAt(i);

if (Character.isLetter(c)) {

int index = Character.toLowerCase(c) - 'a';

marked[index] = true;

}

}

for (int i = 0; i < 26; i++) {

if (!marked[i]) {

return false;

}

}

return true;

}

public static void main(String[] args) {

boolean isPangram = isPangram();

if (isPangram) {

System.out.println("pangram!");

} else {

System.out.println("not pangram.");

}

}

}