**MARIANNA MOCK splitEmail**

public class splitEmail {  
  
 public static void main(String[] args) {  
   
 Scanner input = new Scanner (System.*in*);  
 System.*out*.println("Please Enter Email");  
   
 String mail = input.nextLine();  
 String [] s = mail.split("@");  
  
 if (s.length>2) {  
 System.*out*.println("Inlavid email");  
 }else {  
 System.*out*.println("Email id: " + s[0]);  
 System.*out*.println("Email domain: " + s[1]);

}  
 }

}

public static boolean isSorted(int[] a) {  
  
 for(int i = 0; i < a.length; i ++) {  
 if (a[i] < a[i + 1]) {  
 return true;  
 }  
 }  
 return false;  
 }  
  
  
 public static void main(String[] args)  
 {  
 int nums[] = {13,5,6,7};  
 int arr[] = {10};  
 System.*out*.println(*isSorted*(nums));  
 }

}

public class splitEmail {  
  
 public static void main(String[] args) {  
   
 Scanner input = new Scanner (System.*in*);  
 System.*out*.println("Please Enter Email");  
   
 String mail = input.nextLine();  
 String [] s = mail.split("@");  
// System.out.print(Arrays.toString(s));  
 if (s.length>2) {  
 System.*out*.println("Inlavid email");  
 }else {  
 System.*out*.println("Email id: " + s[0]);  
 System.*out*.println("Email domain: " + s[1]);  
 }  
 }  
  
}

public static void main(String[] args) {  
 int [] numbers = { 5, 20, 20, -7, -1, -2, 4, 6, -7, 23};  
   
 System.*out*.println(*secHighestNum*(numbers));  
 }  
 public static int secHighestNum(int [] nums) {  
   
 int highest = nums[0];  
 int secHigh = nums[0];  
 for (int num: nums) {  
 if (num>highest) {  
 int temp = highest;  
 highest = num;  
 secHigh = temp ;  
 }  
 }  
 return secHigh;  
   
 }

}

public static boolean isSorted(int[] a) {  
  
 for(int i = 0; i < a.length; i ++) {  
 if (a[i] < a[i + 1]) {  
 return true;  
 }  
 }  
 return false;  
 }  
  
  
 public static void main(String[] args)  
 {  
 int nums[] = {13,5,6,7};  
 int arr[] = {10};  
 System.*out*.println(*isSorted*(nums));  
 }  
}

public class ReverseOnTheNextLine {  
 public static void main(String[] args) {  
 Scanner input = new Scanner(System.*in*);  
 String sentence = input.nextLine();  
  
 //*TODO: Type your code below* String reversed ="";  
  
 String [] arr = sentence.split(" ");  
 for ( int i = arr.length-1; i>=0; i--) {  
 reversed = arr[i] + "";  
 if (i == 0) {  
 System.*out*.println(reversed);  
 } else {  
 System.*out*.println(reversed + "");  
 }  
 }  
 }

}

public static void main(String[] args) {  
 int [] numbers = { 5, 20, 20, -7, -1, -2, 4, 6, -7, 23};  
   
 System.*out*.println(*secHighestNum*(numbers));  
 }  
 public static int secHighestNum(int [] nums) {  
   
 int highest = nums[0];  
 int secHigh = nums[0];  
 for (int num: nums) {  
 if (num>highest) {  
 int temp = highest;  
 highest = num;  
 secHigh = temp ;  
 }  
 }  
 return secHigh;  
   
 }  
  
}

public static void main(String[] args) {  
 Scanner input = new Scanner(System.*in*);  
 int[] nums = {input.nextInt(), input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt()};  
  
 //*TODO: write your code below* for (int i =0; i < nums.length/2; i++){  
 int temp = 0;  
 temp = nums[i];  
 nums[i] = nums[nums.length-1-i];  
 nums[nums.length-1-i] = temp;  
  
 }  
 //Do not change below statement:  
 System.*out*.println(Arrays.*toString*(nums));

}

}

public class ReverseOnTheNextLine {  
 public static void main(String[] args) {  
 Scanner input = new Scanner(System.*in*);  
 String sentence = input.nextLine();  
  
 //*TODO: Type your code below* String reversed ="";  
  
 String [] arr = sentence.split(" ");  
 for ( int i = arr.length-1; i>=0; i--) {  
 reversed = arr[i] + "";  
 if (i == 0) {  
 System.*out*.println(reversed);  
 } else {  
 System.*out*.println(reversed + "");  
 }  
 }  
 }  
}

public class Palindrome1 {  
  
 public static void main(String[] args) {

Scanner input = new Scanner(System.*in*);  
 System.*out*.println("Please enter the string");

String s = input.nextLine();  
   
 boolean check = false;

for (int i = 0; i < s.length(); i++) {  
 if (s.charAt(i) != s.charAt(s.length()-1-i)) {

System.*out*.println("not palindrome");  
 check = true;  
 break;  
 }else {

System.*out*.println("Palindrome");  
 check=false;  
 break;  
 }

public static void main(String[] args) {  
 Scanner input = new Scanner(System.*in*);  
 int[] nums = {input.nextInt(), input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt(),input.nextInt()};  
  
 //*TODO: write your code below* for (int i =0; i < nums.length/2; i++){  
 int temp = 0;  
 temp = nums[i];  
 nums[i] = nums[nums.length-1-i];  
 nums[nums.length-1-i] = temp;  
  
 }  
 //Do not change below statement:  
 System.*out*.println(Arrays.*toString*(nums));  
 }  
}

public class Move00 {  
  
 public static void main(String[] args) {  
  
 int [] numbers = {1, 5, 7, 0, 6, 5, 0, 12};  
 System.*out*.println(Arrays.*toString*(*zero*(numbers)));  
  
 }  
 public static int [] zero(int [] nums){  
  
 int [] newArr = new int [nums.length];

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

if (nums[i] != 0 ){  
 newArr[index++] = nums[i];  
 }  
 }  
 return newArr;  
  
  
 }

public class MissingNumber {  
  
 public static void main(String[] args) {  
 int [] arr = {1,2, 3, 6, 7, 8, 9};  
   
 System.*out*.println(*missingNum*(arr));  
 }  
 public static int missingNum (int num []) {  
   
 int sum = 0;  
 int a = num[0];  
 int b = num[num.length-1];  
   
 for(int i=a; i<=b ;i++) {  
   
 sum += i;  
 }  
 for(int n: num) {  
 sum -= n;  
 }  
 return sum;  
   
 }

public class MissingNumber {  
  
 public static void main(String[] args) {  
 int [] arr = {1,2, 3, 6, 7, 8, 9};  
   
 System.*out*.println(*missingNum*(arr));  
 }  
 public static int missingNum (int num []) {  
   
 int sum = 0;  
 int a = num[0];  
 int b = num[num.length-1];  
   
 for(int i=a; i<=b ;i++) {  
   
 sum += i;  
 }  
 for(int n: num) {  
 sum -= n;  
 }  
 return sum;  
   
 }

public class Loremipsum {  
  
 public static void main(String[] args) {  
   
   
 String senten = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Risus in hendrerit gravida rutrum. Cursus turpis massa tincidunt dui ut. Quisque non tellus orci ac. In nisl nisi scelerisque eu ultrices vitae auctor eu augue. ";  
 System.*out*.println(*doesContain*(senten));  
   
 }  
 public static boolean doesContain(String text) {  
   
 String textArr [] = text.split("\\.");  
 String thirdSentece = textArr[2];  
   
 if (thirdSentece.contains("massa")) {  
 return true;  
 }  
   
 return false;  
 }

public class isPalindrome {  
  
 public static void main(String[] args) {  
  
 System.*out*.println(*isPalindrome*("civic"));  
  
 }  
  
 public static boolean isPalindrome(String str) {  
  
 String reversedWord = "";  
  
 for (int i = str.length() - 1; i >= 0; i--) {  
 reversedWord += str.charAt(i);  
 }  
 if (str.equalsIgnoreCase(reversedWord)) {  
 return true;  
 }  
 return false;  
  
 }

public class IsAnagram {  
  
 public static void main(String[] args) {  
 String str = "lives";  
 String str2 = "elvis";  
 System.*out*.println(*isAnagram*(str, str2));  
  
 }  
 public static boolean isAnagram(String word1, String word2) {  
   
 String [] arr1 = word1.split("");  
 String [] arr2 = word2.split("");  
   
 Arrays.*sort*(arr1);  
 Arrays.*sort*(arr2);  
  
 return Arrays.*equals*(arr1, arr2);  
 }

public class getDuplicat {  
 public static void main(String args[]) {  
  
 String arr[] = { "a", "a", "b", "c", "c", "c" ,"1", "1"};  
 System.*out*.println(*getDup*(arr));  
 }  
  
 public static int getDup(String[] r) {  
 String[] arr = new String[r.length];  
 int count = 1;  
 int counter = 0;  
for (int i = 0; i < r.length; i++) {  
 for (int k = i + 1; k < r.length; k++) {

if (r[i].equals(r[k]) & i < k) {  
 count++;  
 }  
 }  
 if (count == 2) {  
 counter += 2;  
 } else if (count > 2) {  
 counter++;  
 }  
 count = 1;  
 }  
 return counter;  
 }

public class Fibonacci {  
  
 public static void main(String[] args) {  
   
 int a = 10;  
 *beFibonacci*(a);  
 }  
   
 public static int beFibonacci(int num) {  
 System.*out*.println("The first "+ num + " of Fibonacci series are: ");  
   
 int num1 = 0;   
 int num2 = 1;  
   
 for (int i = 1; i <= num; i++) {  
   
 System.*out*.print(num1 + " + ");  
   
 int sum = num1+ num2; // 0 1=1  
 num1 = num2; // 1  
 num2 = sum; // 1  
 }  
 return num;  
   
 }

public class Factorial {  
  
 public static void main(String[] args) {  
   
 int num =7;  
 System.*out*.println(*isFactorial*(num));  
  
 }  
 public static int isFactorial(int a) {  
 int result = 1;  
   
 if (a<0) {  
 return 0;  
 }else if (a==0) {  
 return 1;  
   
 }else {  
 for (int i= 1; i<=a;i++) {  
 result \*= i;  
 }  
 }return result;  
 }

public class DuplicateString {  
 public static void main(String[] args) {  
  
 String str = "hello world java hello";  
  
 System.*out*.println(*getDuplicate*(str));  
 }  
  
 public static String getDuplicate (String words){  
  
 String result = "";  
  
 String [] arr = words.trim().split(" ");  
  
 for (int i = 0 ; i< arr.length; i++) {  
 for (int j = i+1; j < arr.length;j++){

if (arr[i].contains(arr[j])) {  
 result += arr[i] +"";  
 }  
 }  
 }  
 return result;  
 }

public class DuplicateString {  
 public static void main(String[] args) {  
  
 String str = "hello world java hello";  
  
 System.*out*.println(*getDuplicate*(str));  
 }  
  
 public static String getDuplicate (String words){  
  
 String result = "";  
  
 String [] arr = words.trim().split(" ");  
  
 for (int i = 0 ; i< arr.length; i++) {  
 for (int j = i+1; j < arr.length;j++){  
 if (arr[i].contains(arr[j])) {  
 result += arr[i] +"";  
 }  
 }  
 }  
 return result;  
 }  
}

**v**

public class Factorial {  
  
 public static void main(String[] args) {  
   
 int num =7;  
 System.*out*.println(*isFactorial*(num));  
  
 }  
 public static int isFactorial(int a) {  
 int result = 1;  
   
 if (a<0) {  
 return 0;  
 }else if (a==0) {  
 return 1;  
   
 }else {  
 for (int i= 1; i<=a;i++) {  
 result \*= i;  
 }  
 }return result;  
 }  
  
}

**f**

public class Fibonacci {  
  
 public static void main(String[] args) {  
   
 int a = 10;  
 *beFibonacci*(a);  
 }  
   
 public static int beFibonacci(int num) {  
 System.*out*.println("The first "+ num + " of Fibonacci series are: ");  
   
 int num1 = 0;   
 int num2 = 1;  
   
 for (int i = 1; i <= num; i++) {  
   
 System.*out*.print(num1 + " + ");  
   
 int sum = num1+ num2; // 0 1=1  
 num1 = num2; // 1  
 num2 = sum; // 1  
 }  
 return num;  
   
 }  
  
}

**fd**

public class getDuplicat {  
 public static void main(String args[]) {  
  
 String arr[] = { "a", "a", "b", "c", "c", "c" ,"1", "1"};  
 System.*out*.println(*getDup*(arr));  
 }  
  
 public static int getDup(String[] r) {  
 String[] arr = new String[r.length];  
 int count = 1;  
 int counter = 0;  
 for (int i = 0; i < r.length; i++) {  
 for (int k = i + 1; k < r.length; k++) {  
 if (r[i].equals(r[k]) & i < k) {  
 count++;  
 }  
 }  
 if (count == 2) {  
 counter += 2;  
 } else if (count > 2) {  
 counter++;  
 }  
 count = 1;  
 }  
 return counter;  
 }  
}

**dfddf**

public class IsAnagram {  
  
 public static void main(String[] args) {  
 String str = "lives";  
 String str2 = "elvis";  
 System.*out*.println(*isAnagram*(str, str2));  
  
 }  
 public static boolean isAnagram(String word1, String word2) {  
   
 String [] arr1 = word1.split("");  
 String [] arr2 = word2.split("");  
   
 Arrays.*sort*(arr1);  
 Arrays.*sort*(arr2);  
  
 return Arrays.*equals*(arr1, arr2);  
 }  
}

**f**

public class isPalindrome {  
  
 public static void main(String[] args) {  
  
 System.*out*.println(*isPalindrome*("civic"));  
  
 }  
  
 public static boolean isPalindrome(String str) {  
  
 String reversedWord = "";  
  
 for (int i = str.length() - 1; i >= 0; i--) {  
 reversedWord += str.charAt(i);  
 }  
 if (str.equalsIgnoreCase(reversedWord)) {  
 return true;  
 }  
 return false;  
  
 }  
  
}

public class Loremipsum {  
  
 public static void main(String[] args) {  
   
   
 String senten = "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Risus in hendrerit gravida rutrum. Cursus turpis massa tincidunt dui ut. Quisque non tellus orci ac. In nisl nisi scelerisque eu ultrices vitae auctor eu augue. ";  
 System.*out*.println(*doesContain*(senten));  
   
 }  
 public static boolean doesContain(String text) {  
   
 String textArr [] = text.split("\\.");  
 String thirdSentece = textArr[2];  
   
 if (thirdSentece.contains("massa")) {  
 return true;  
 }  
   
 return false;  
 }  
  
}

**D**

**D**

public class MissingNumber {  
  
 public static void main(String[] args) {  
 int [] arr = {1,2, 3, 6, 7, 8, 9};  
   
 System.*out*.println(*missingNum*(arr));  
 }  
 public static int missingNum (int num []) {  
   
 int sum = 0;  
 int a = num[0];  
 int b = num[num.length-1];  
   
 for(int i=a; i<=b ;i++) {  
   
 sum += i;  
 }  
 for(int n: num) {  
 sum -= n;  
 }  
 return sum;  
   
 }  
}

**fd**

**f**

**d**

**d**

**d**

**d**

**d**

**d**

public class Move00 {  
  
 public static void main(String[] args) {  
  
 int [] numbers = {1, 5, 7, 0, 6, 5, 0, 12};  
 System.*out*.println(Arrays.*toString*(*zero*(numbers)));  
  
 }  
 public static int [] zero(int [] nums){  
  
 int [] newArr = new int [nums.length];  
 int index = 0;  
  
 for (int i =0; i< nums.length; i++){  
 if (nums[i] != 0 ){  
 newArr[index++] = nums[i];  
 }  
 }  
 return newArr;  
  
  
 }  
  
}

**fdd**

public class Palindrome1 {  
  
 public static void main(String[] args) {  
 Scanner input = new Scanner(System.*in*);  
 System.*out*.println("Please enter the string");  
 String s = input.nextLine();  
   
 boolean check = false;  
 for (int i = 0; i < s.length(); i++) {  
 if (s.charAt(i) != s.charAt(s.length()-1-i)) {  
 System.*out*.println("not palindrome");  
 check = true;  
 break;  
 }else {  
 System.*out*.println("Palindrome");  
 check=false;  
 break;  
 }  
 }