EX 1 :

import java.util.Scanner;

public class ProblemaUnu

{

public static void main (String[]args)

{

int a ;

int b ;

Scanner informatica = new Scanner (System.in);

System.out.println("Alegeti un numar : ") ;

a = informatica.nextInt () ;

System.out.println("Alegeti un alt numar : ") ;

b = informatica.nextInt () ;

if (a>b)

System.out.println(a) ;

else System.out.println(b) ;

if (b-a>a-b)

System.out.println(a) ;

else System.out.println(a-b) ;

if (a==b)

System.out.println(a+b) ;

else System.out.println(b-a) ;

if (a!=b)

System.out.println(a+ " si " +b) ;

else System.out.println(a) ;

informatica.close() ;

}

}

EX2 :

import java.util.Scanner;

public class ProblemaDoi

{

public static void main (String[]args)

{

System.out.println("Alegeti un numar : ") ;

int x ;

Scanner informatica = new Scanner (System.in);

x = informatica.nextInt() ;

if (x<-5)

{

System.out.println("Dublul numarului ; " + x\*x) ;

}

if (x>=-5 && x<2)

{

System.out.println("NUmarul adunat cu 1 ; " + x+1) ;

}

if (x >=2)

{

System.out.println("Triplul numarului ; " + x\*x\*x) ;

}

informatica.close() ;

}

}

EX 3 :

import java.util.Scanner;

public class ProblemaTrei

{

public static void main (String[]args) {

Scanner input = new Scanner(System.in) ;

System.out.print("Alegeti 3 numere : ");

int a = input.nextInt();

int b = input.nextInt();

int c = input.nextInt();

if ((a < b) && (b < c)){

System.out.println("Aranjarea crescator "+a+","+b +","+c+ " si descrescator " +c+","+b+","+a);

}

if ((a < b) && (b > c)){

System.out.println("Aranjarea crescator " +c+","+a+","+b+ " si descrescator " +b+","+a+","+c);

}

if ((a > b) && (b > c)){

System.out.println("Aranjarea crescator " +c+","+b+","+a+ " si descrescator " +a+","+b+","+c);

}

if ((a > b) && (b < c)){

System.out.println("Aranjarea crescator " +b+","+a+","+c+ " si descrescator " +c+","+a+","+b );

}

input.close();

}

}

EX 4 :

import java.util.Scanner ;

public class ProblemaPatru

{

public static void main(String[] args) {

Scanner input = new Scanner (System.in) ;

int x , y , rezultat;

char op ;

System.out.println("Alegeti un numar :");

x = input.nextInt();

System.out.println("Alegeti un alt numar :");

y = input.nextInt();

System.out.println("Alegeti operatorul :");

op = input.next().charAt(0);

if (op == '+')

{

rezultat = x + y ;

System.out.println(x +" "+op +" "+y +" = "+" "+ rezultat ) ;

}

else if(op == '-')

{

rezultat=x-y;

System.out.println(x +" "+op +" "+y +" = "+" "+ rezultat ) ;

}

else if(op == '/')

{

rezultat=x/y;

System.out.println(x +" "+op +" "+y +" = "+" "+ rezultat ) ;

}

else if(op == '\*')

{

rezultat=x\*y;

System.out.println(x +" "+op +" "+y +" = "+" "+ rezultat ) ;

}

input.close() ;

}

}