

```
import java.util.Scanner;

public class Tema1
{
    public static void main (String[]args)
    {
        int a;
        int b;

        Scanner n=new Scanner(System.in);
        System.out.println("Alege un numar: ");
        a=n.nextInt();
        System.out.println("Alege un numar: ");
        b=n.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);
        n.close();
    }
}
```

```
import java.util.Scanner;

public class Tema2
{
    public static void main (String[]args)
    {
        System.out.println("Alege un numar: ");
        int x;
        Scanner u=new Scanner(System.in);
        x=u.nextInt();
        {
            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);
        }
        u.close();
    }
}
```

```
import java.util.Scanner;

public class Tema3
{
    public static void main (String[]args)
    {
        Scanner inf=new Scanner(System.in);
        System.out.println("Alege 3 numere: ");
        a=inf.nextInt();
        b=inf.nextInt();
        c=inf.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);
        }
        inf.close();
    }
}
```

```
import java.util.Scanner;

public class Tema4
{
    public static void main (String[]args) {
        Scanner infr=new Scanner(System.in);

        int x, y, rezultat;

        char op:

        System.out.println("Alege un numar: ");
        x=infr.nextInt();

        System.out.println("Alege alt numar: ");
        y=infr.nextInt();

        System.out.println("Alege operatorul: ");
        op=infr.next().charAt(0);

        {
            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);  
}  
infr.close();  
}  
}
```