

```
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+" = "+resultat);
    }
infr.close();
}
}
```