

1.

```
import java.util.Scanner ;
public class ChristmasTree{

    public static void main(String[] args) {
        Scanner scan=new Scanner(System.in);
        System.out.println("introdu 2 numere");
        int a=scan.nextInt();
        int b=scan.nextInt();
        if (a>b) {
            System.out.println(a+" este mai mare");
        }else {
            System.out.println(b+" este mai mare");

            int aa=b-a;
            int bb=a-b;
            int s=a+b;
        }
        if (aa>bb) {
            System.out.println(b);
        }else {
            System.out.println(aa);
        }
        if (a==b) {
            System.out.println(s);
        }else {
            System.out.println(aa);
        }
        if (a!=b) {
            System.out.println(a+" si " +b);
        }else {
            System.out.println(a);
        }
    }
}
```

2.

```
import java.util.Scanner ;
public class ChristmasTree{

    public static void main(String[] args) {
        Scanner sss=new Scanner (System.in);
        System.out.println("introdu x");
        int x=sss.nextInt();

        if (x<-5)
            System.out.println(x*x);

        if (-5<=x && x<2)
            System.out.println(x+1);

        if (x>=2)
            System.out.println(x*x*x);
    }
}
```

3.

```
import java.util.Scanner ;
public class III{

    public static void main(String[] args) {
        java.util.Scanner input = new java.util.Scanner(System.in);

        System.out.print("introdu 3 numere: ");
        int num1 = input.nextInt();
        int num2 = input.nextInt();
        int num3 = input.nextInt();

        if (num1 > num2) {
            int L = num1;
            num1 = num2;
            num2 = L;
        }

        if (num2 > num3) {
            int LL = num2;
            num2 = num3;
            num3 = LL;
        }

        if (num1 > num2) {
            int LLL = num1;
            num1 = num2;
            num2 = LLL;
        }

        System.out.println( num1 + " " + num2 + " " + num3);

        if (num1 < num2) {
            int H = num1;
            num1 = num2;
            num2 = H;
        }

        if (num2 < num3) {
            int HH = num2;
            num2 = num3;
            num3 = HH;
        }

        if (num1 < num2) {
            int HHH = num1;
            num1 = num2;
            num2 = HHH;
        }

        System.out.println( num1 + " " + num2 + " " + num3);
    }
}
```