

Problema 1

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner hello=new Scanner(System.in);
        int a=hello.nextInt();
        int b=hello.nextInt();
        int m=a-b;
        int n=a+b;
        int f=b-a;
        if(a>b){
            System.out.println(a);
        }else{
            System.out.println(b);
        }
        if(b-a>a-b){
            System.out.println(b);
        }else{
            System.out.println(m);
        }
        if(a==b){
            System.out.println(n);
        }else {
            System.out.println(f);
        }
        if(a!=b){
            System.out.println(a);
            System.out.println(b);
        }else{
            System.out.println(a);
        }

        hello.close();

    }
}
```

Problema 2

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner hello=new Scanner(System.in);
        int a=hello.nextInt();
        int b=a+1;
        int c=a*a;
        int d=a*a*a;
        if(a<-5)
            System.out.println(c);
        if(a>=-5 && a<2)
            System.out.println(b);
        if( a>=2)
            System.out.println(d);
        hello.close();
    }
}
```

Problema 3

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner hello=new Scanner(System.in);
        int a=hello.nextInt();
        int b=hello.nextInt();
        int c=hello.nextInt();
        if(a>b && b>c) {
            System.out.println(a+","+b+","+c);
            System.out.println(c+","+b+","+a);
        }
        if(a<b && b<c) {
            System.out.println(c+","+b+","+a);
            System.out.println(a+","+b+","+c);
        }
        if(a>b && b<c && c>a) {
            System.out.println(b+","+a+","+c);
            System.out.println(c+","+a+","+b);
        }
        if(a<b && b>c && c<a) {
            System.out.println(c+","+a+","+b);
            System.out.println(b+","+a+","+c);
        }
        if(a>b && b<c && c<a) {
            System.out.println(a+","+c+","+b);
            System.out.println(b+","+c+","+a);
        }
        if(a<b && b>c && c>a) {
            System.out.println(b+","+c+","+a);
            System.out.println(a+","+c+","+b);
        }
        hello.close();
    }
}
```

Problema 4

If

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner hello=new Scanner(System.in);
        double x=hello.nextDouble();
        double y=hello.nextDouble();
        char op=hello.next().charAt(0);
        if(op=='+')
            System.out.println(x+y);
        if(op=='-')
            System.out.println(x-y);
            if(op=='*')
                System.out.println(x*y);
            hello.close();
    }
}
```

SWITCH

```
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner hello=new Scanner(System.in);
        double x=hello.nextDouble();
        double y=hello.nextDouble();
        char op=hello.next().charAt(0);
        switch(op){
            case('+'):
                System.out.println(x+y);
            break;
            case('-'):
                System.out.println(x-y);
            break;
            case('*'):
                System.out.println(x*y);
            break;
        }
        hello.close();
    }
}
```