```java
package com.nacho;
import java.util.Arrays;
import java.util.Scanner;
public class Main {

    public static void main(String[] args) {
        int entero = 23, enteroNeg = -12;
        byte bit =122;
        short corto = 3;
        float flotante = 23.06f;
        double doble = 23.06;
        boolean booleano = true;
        long largo = 123336668;
        char catracter = 'Z';

        int suma = entero + enteroNeg;
        int resta = entero - enteroNeg;
        int division = entero / enteroNeg;
        int multip = entero * enteroNeg;

        System.out.println(suma);
        System.out.println(resta);
        System.out.println(division);
        System.out.println(multip);
        System.out.println(Potencia.potencia(3,3));

        // Promedio Notas

        double nota1 =4.3, nota2 =6.5, nota3= 6.8, nota4=3.2;
        double promedioSimple = (nota1 + nota2 + nota3 + nota4)/4;
        double[] promedioComp = {1, 2, 3, 4};

        System.out.println(promedioSimple);

        System.out.println(Promedio.promedio(promedioComp));

        int [] inter = Intercambiar.intercambio(3,1);

```

```
39          System.out.println(Arrays.toString(inter));
40
41
42          //Scanner leer = new Scanner(System.in);
43
44          //double numero;
45          //System.out.println("Ingresar Nota");
46          //numero = leer.nextDouble();
47          //System.out.println("Numero ingresado");
48
49
50
51
52      }
53  }
54
```

```java
package com.nacho;

public class Potencia {
    public static int potencia(int base, int potencia
) {
        int res = 1;
        if (potencia <= 1) {
            return base*base;
        }
        //return potencia(base, potencia-1);
        for (int x = 1; x<=potencia; x++){
            res *= base;
        }

        return res;


    }
}

```

```java
package com.nacho;

public class Promedio {
    public static double promedio(double [] notas){
        int sum = 0;
        for (double d : notas) sum += d;
        return sum / notas.length;
    }
}

```

```java
package com.nacho;

public class Intercambiar {
    public static int [] intercambio(int a, int b){
        int[] arr = {b,a};
        return arr;
    }
}

```