CICLO FORMATIVO DE GRADO SUPERIOR DESARROLLO DE APLICACIONES WEB *UT1 – ELEMENTOS DE UN PROGRAMA INFORMÁTICO*	EFA MORATALAZ Profesor: **DGC**	Asignatura: **PROGRAMACIÓN** Fecha: 12/09/2022	**Nota**:

Alumno: _____

1.

```
public class Ej1 {
	public static void main (String [] args) {
		int a=1, b=4, c=2, d=1;
		int x=a+b/c+d;
		System.out.print("x = "+ x);
	}
}
```

2.

```
public class Ej2 {
	public static void main (String [] args) {
		int i=3;
		{
			int j=4;
		}
		System.out.println("j: "+j);
		System.out.println("i: "+i);
	}
}
```

3.

```
public class Ej3 {
	public static void main (String [] args) {
		int probador=5;
		System.out.println("probador:" + probador);
		++probador;
		System.out.println("probador:" + probador);
		System.out.println("probador:" + probador++ + probador + probador-- + probador);
	}
}
```

4.

```
public class Ej4 {
	public static void main (String [] args) {
		int a=1, b=2, c=3, d=1;
		float r, s=(float)3.5;
		r=a+b/c+d/a;
		System.out.println(r);
		s=r-s;
		System.out.println(s);
		r=(long)s;
		System.out.println(r);
		++r;
		System.out.println(r);
	}
}
```

5.

```
public class Ej5 {
	public static void main (String [] args) {
		int var=4;
		boolean r, s, t, v;

		var+=3*2;
		r=(var >= 4) && (var == 14);
		var++;
		s=(11 == var) && (14 >= var);
		var*=3+1;
		t=(30 == var) || (35 < var++);
		v=(41 == var) || (44 > var);
		System.out.print(r + " " + s + " " + t + " " + v);
	}
}
```

6.

```
class
Ejercicio {
  public static void main(String[] args){
    int suma=30;
    System.out.println (suma++    + "   " +    ++suma + " " +
        suma + "         " + suma--);
    System.out.println(suma);
  }// main
}//
```

7.

```
class Ejercicio {
  public static void main(String [] args){
    int x;
    double y=232.675;
    x=(int)(y+0.5);
    System.out.println (x);
  }
}
```

8.

```
int x;
double y=232.675;
x=(int)(y - 0.9);
System.out.println (x);
```

9.

```
class Ejercicio {
  public static void main(String [] args){
    int  x;
    double y=1243.5321;
    x=(short)(y - 0.9);
    System.out.println (x);
  }
}
```

10.

```
class Ejercicio{
  public static void main(String [ ] args) {
    int x=1;
    boolean r1,r2,r3,r4;
    r1=(x>1) && (x++ <10);
    r2=(10 < x) && ( 15 > x++);
    r3=(10 == x) ||(20 > x++);
    r4=(10 == x) || (20 > x++);
    System.out.println(r1 +" " + r2 +" " +r3 + " " + r4);
  }
}
```

11.

```
class Ejercicio {
  public static void main (String [] args) {
    int incremento;
    incremento = 1;
    System.out.println(++incremento+" "+
                          incremento++ +" "+incremento);
  }
}
```

12.

```
class Ejercicio {
  public static void main(String [] args) {
    int a=1, b=2, c=3, d=1;
    float r, s=(float)3.0;
    r=a+b/c+d/a;
    s=r-s;
    r=(long) s;
    r=++r;
    System.out.println(r);
  }
}
```

13.

```
boolean valor1=false, valor2=false;
int x=6, y=3;
valor1= (x<5)||(x>y);
valor2= (x<5)||(y==x);
```

14.

```
boolean valor1=false, valor2=false;
int x=6, y=3;
valor1= (x<5)&&(x>y);
valor2= (x>5)&&(y==x);
```

15.

```
    public static void main(String[] args) {
        char c;
        c = 'c';
        System.out.println("c = " + c);
        ++c;
        System.out.println(" c = " + c);
        System.out.println(" c = " + c++);
        System.out.println(" c = " + c--);
        System.out.println(" c = " + c);
    }
}
```

16.

```
class Ejercicio {
  public static void main(String [] args){
    int y;
    int n=5;
    y=n++ + ++n;
    System.out.println(n+" " +y);
  }
}
```

17.

```
class Ejercicio {
  public static void main (String [] args) {
    boolean m=false, n=false, p,q;
    p=(!m)&&(n);
    q=(!m)||(n);
    System.out.println("p="+p+" q="+q);
  }
}
```

18.

```
class Ejercicio {
  public static void main (String [] args) {
    int valor1=5, valor2=5;
    boolean m=false, n=false, p,q;
    p=(valor1>=valor2);
    q=(valor1<valor2);
    System.out.println("p="+p+" q="+q);
  }
}
```

19.

```
class Ejercicio {
  public static void main (String [] args) {
    char a='a';
    int x=5;
    a+=5;
    x/=3;
    System.out.println(a+ " "+x);
  }
}
```

20.

```
class Ejercicio{
  public static void main(String [ ] args) {
    int var1=1, var2=1;
    boolean r,s;
    r=(var1++ <2);
    System.out.println("r="+r+" var1="+var1);
    s=(++var2 <2);
    System.out.println("s="+s+" var2="+var2);
  }
}
```

21.

```
class Ejercicio {
   public static void main (String [ ] args){
   double saldo;
  saldo=(1/5)*10;
  System.out.println(saldo*5.0);
   }
}
```

22.

```java
public class UT1_1_JoseMaria_Delgado {

    public static void main(String[] args) {
        int op;
        int a2=2, a8=8, a4=4, a1=1;
        op = a2+a8/a4+a1;
        System.out.println("op = " + op);
        System.out.println("op = " + op--);
    }
}
```

23.

```java
int a,b,c;
a=2; b=4; c=4;
System.out.println (a*b/2*c);
```

24.

```java
class Ejercicio {
  public static void main (String [] args) {
    double a=2, b=5;
    int c=2, d=1;
    int x= (int)(b/a)/c+d;
    System.out.println ("x: "+ x);
  }
}
```

25.

```java
class Ejercicio {
  public static void main ( String [] args ){
    int num, divisor=0;
    num =100;
    System.out.println("num inicial = "+num );
    num=num/divisor;
    num=num/2;
    System.out.print("num/2= ");
    System.out.println(num);
  }
}
```

26.

```
class Ejercicio {
  public static void main(String [] args) {
    int m=1, n=4, k=2, j=1;
    float x, valor=(float)1.1;
    x=m+n/k+j;
    valor=x+valor;
    x=(long) valor;
    x=x+valor;
    System.out.println(x);
  }
}
```

27.

```
public static void main(String[] args) {
    int v1=1, v2=2, v3=3, v4=4;
    float v5, v6 = (float)2.2;
    v5 = v4+v3*v2-v1;
    v6=v5-v6;
    v5 = (long)v6;
    System.out.println(v5);
    System.out.println(v6);
}
```

28.

```
class Ejercicio {
  public static void main(String [] args){
    int a,b,c;
    a=2; b=4; c=4;
    System.out.println (a*b/2*c);
  }
}
```

29.

```
class Ejercicio {
  public static void main(String[] args) {
    char caracter;
    caracter='c';
    System.out.println("caracter:" + caracter);
    --caracter;
    System.out.println("caracter:"+caracter);
    System.out.println("caracter:"+ caracter-- + caracter +
                                        caracter++ + caracter);
  }
}
```

30.

```
class Ejercicio{
  public static void main(String [ ] args) {
    int var=1;
    boolean r,s,t,v;
    r=(var>1) && (var++ <100);
    s=(100 < var) && ( 150 > var++);
    t=(100 == var) ||(200 > var++);
    v=(100 == var) || (200 > var++);
    System.out.println(r +" " + s +" " +t + " " + v);
  }
}
```

31.

```
class Ejercicio {
  public static void main (String [ ] args){
    double saldo;
    saldo= (2/3)*2;
    saldo++;
    System.out.printf("%.2f ",saldo);
  }
}
```

32.

```
public static void main(String[] args) {
    int m = 7, n=2;
    m/=n+2;
    System.out.println(m);
}
```