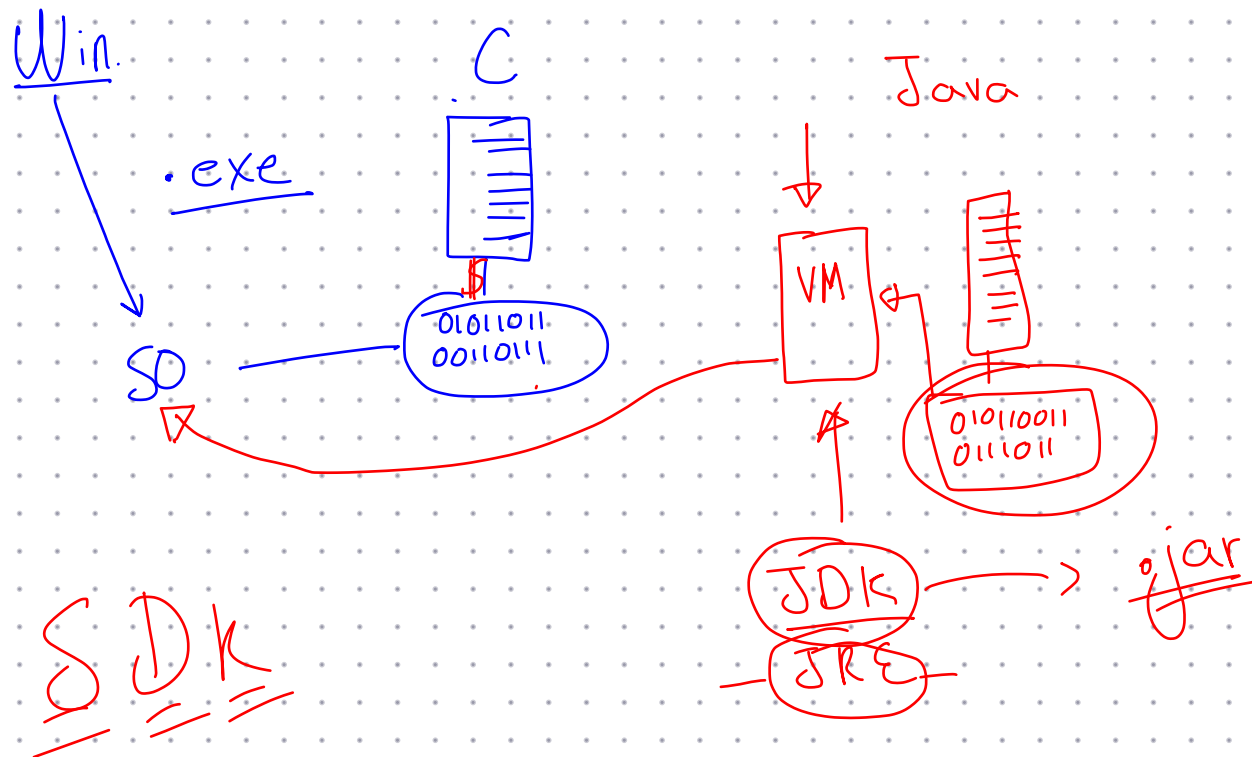


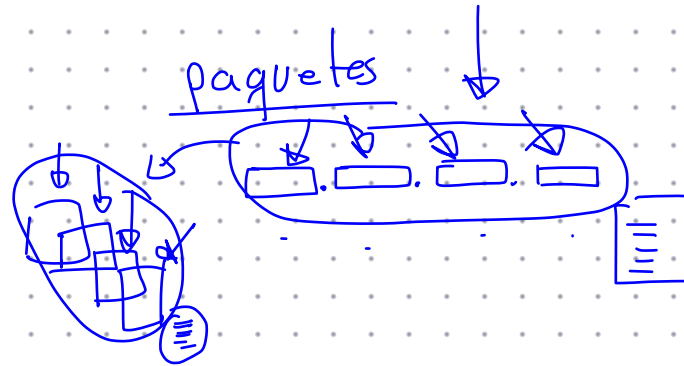


## *Curso de Java intermedio - Programación orientada a objetos*





JDK — [JRE]  
Eclipse IDE



Unidad. Basica

Clase  
class

[Criterio Visibilidad] \_ [Tipo dato respuesta] \_ [nombre] ( [tipoDato] \_ [nombre] , [tipoDato] \_ [nom] ) { }

public  
private  
protected

void  
short  
int  
long  
float  
double  
bool  
String  
[ ]

short  
int  
long  
float  
double  
bool  
String

[ ]

short  
int  
long  
float  
double  
bool  
String

[ ]

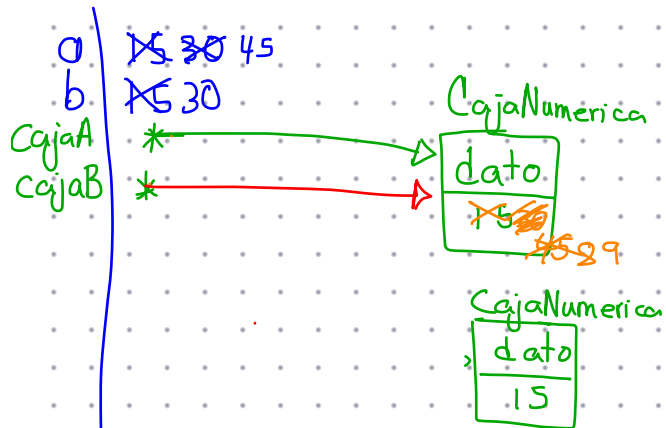
return [Variable];

```
public int sumar(int a, int b) {  
    int suma = a + b;  
    return suma;  
}
```

```
public void imprimirTabla(int numeroParaTabla) {  
    =====
```

```
}  
public void imprimirTodasTablas() {  
    =====
```

```
}
```



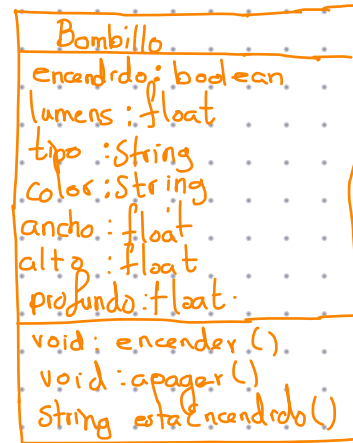
Pantalla

30	30
15	15
45	45
30	45
	89
	89

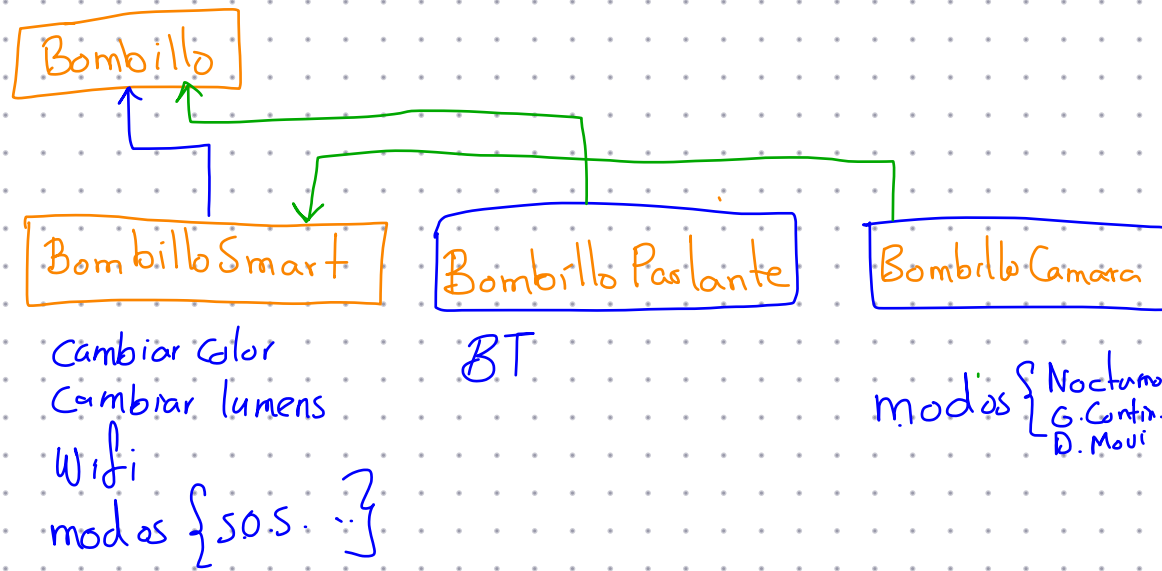
Caja B = Caja A

Caja B = \* →

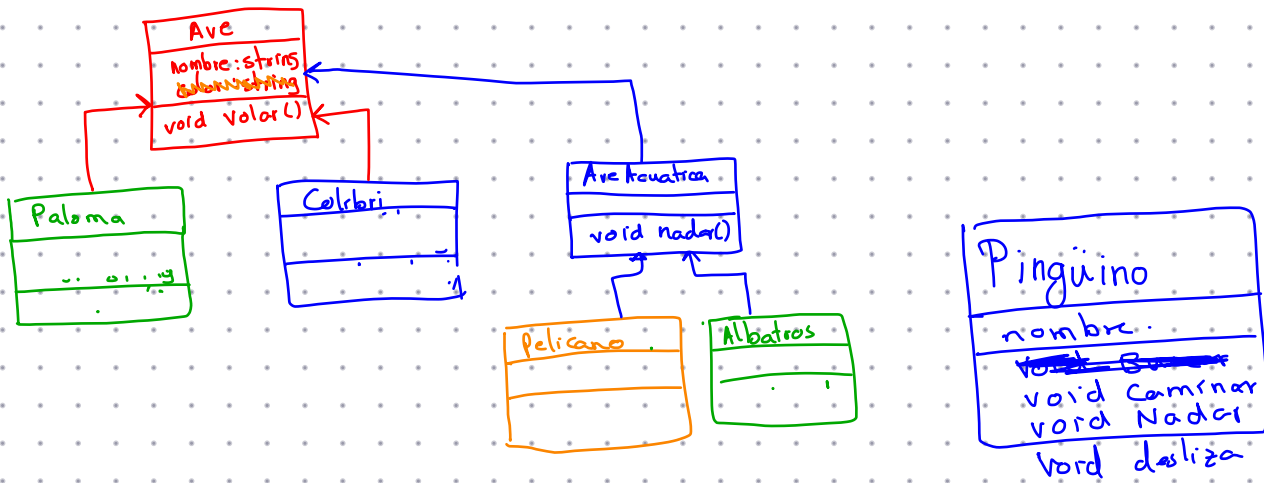
UML

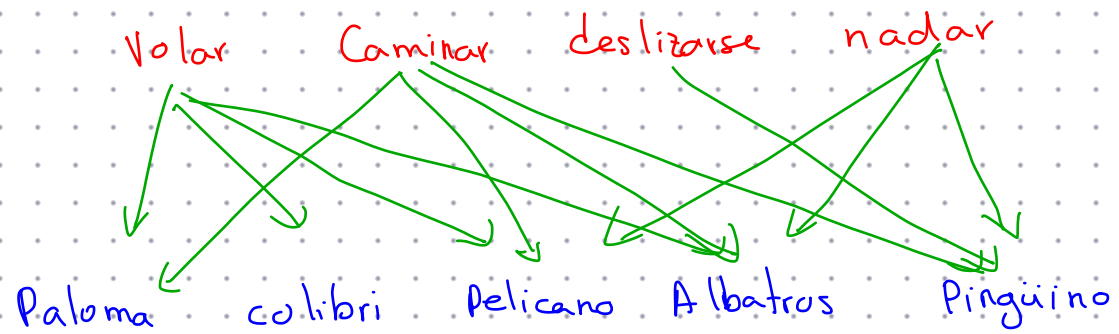


proyecto Herencia



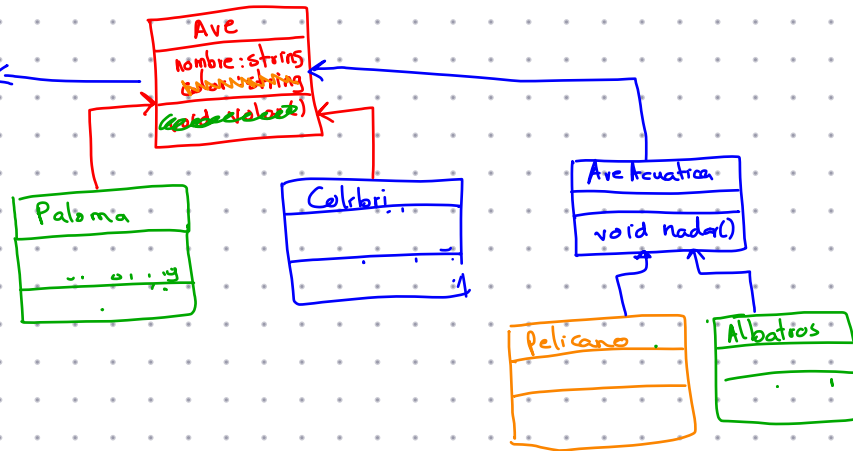




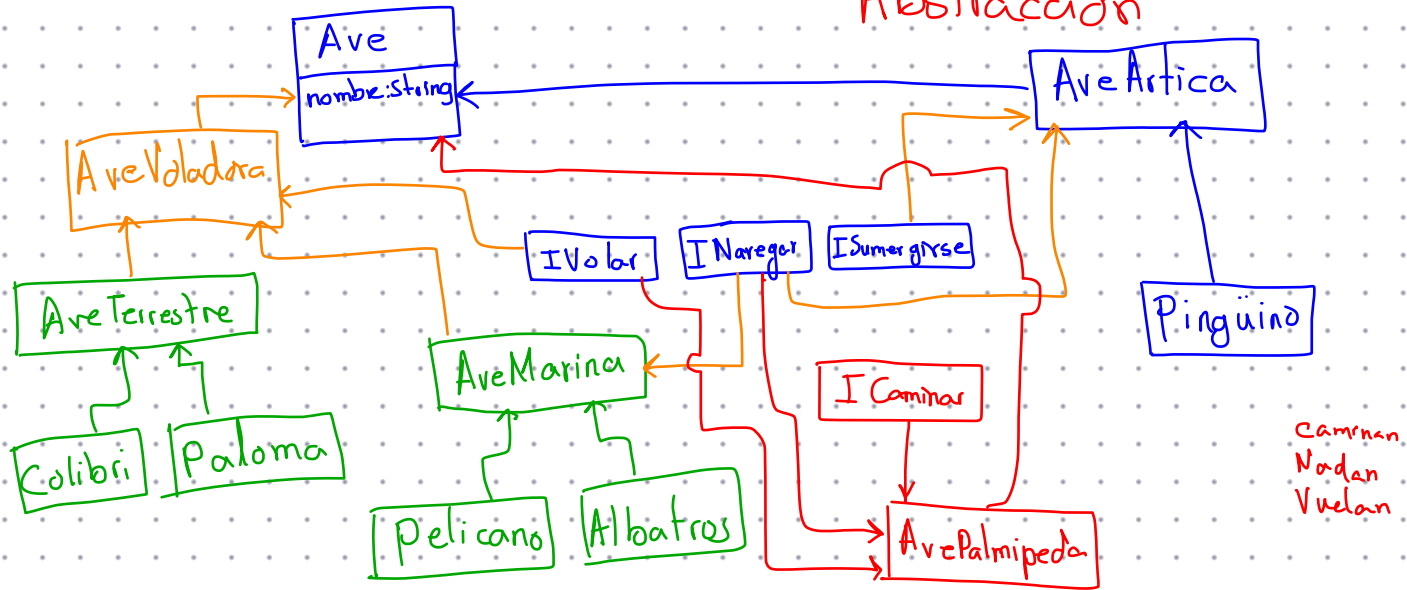


Interfaz  
Comportamiento Volar

IVolar



## Abstracción



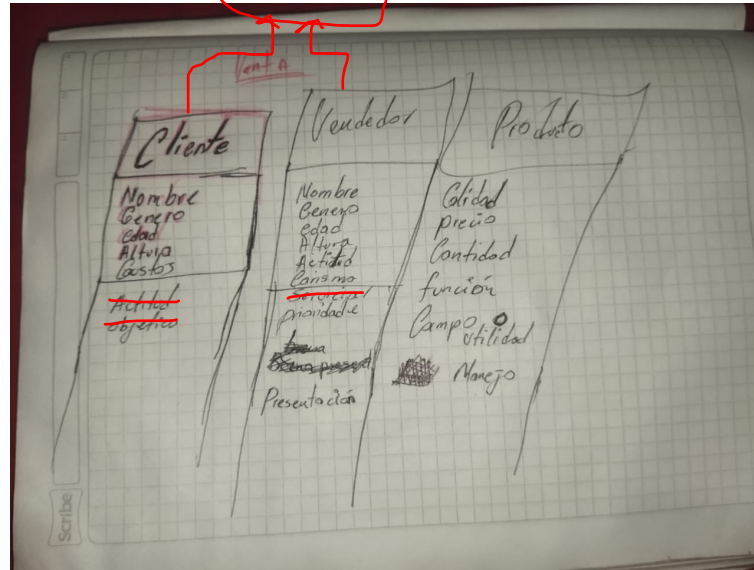
# Venta

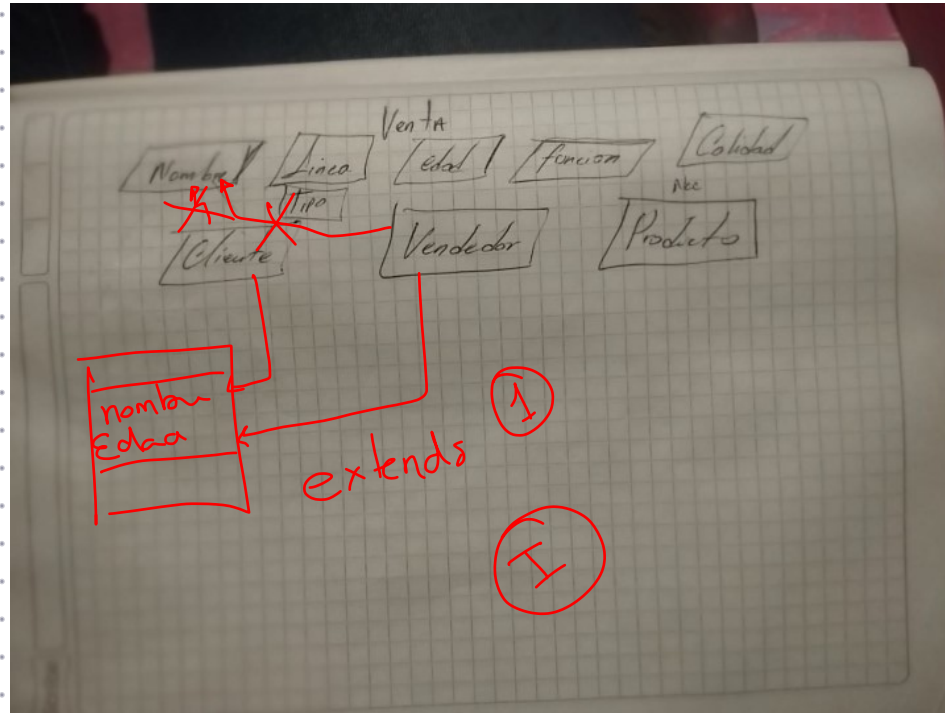
Cliente

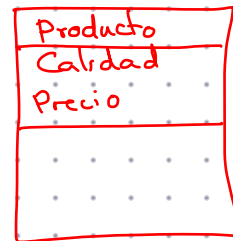
Producto

✓ endodor

Cliente







- b.caducar();

b. venderse ( )

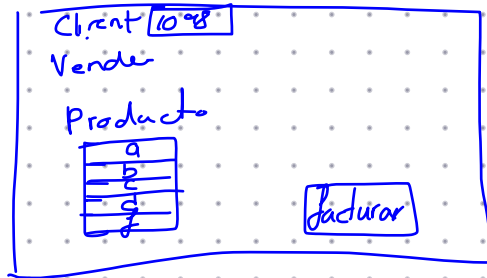
b.agotasse ();

## Bombillo

a. encoder();

Comportamientos  $\equiv$  Acciones





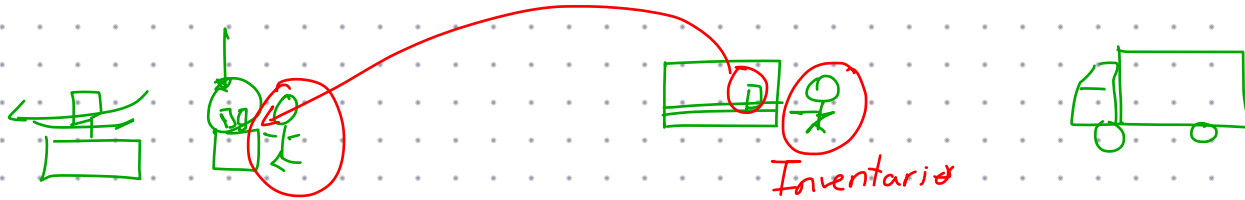
```

d.venderse();
b.venderse();
c.venderse();
d.venderse();
f.venderse();
  
```

→ -1  
if == 0  
 → a.agotarse();  
 → ~~a~~ if == 0;  
 → c.agotarse();  
 → d.agotarse();  
 → f.agotarse();  
 .agotarse();



Cafes. do lechu



venderse()

Existencias

20  
- 10  
10  
- 3  
7  
- 7  
0  
- 3  
3  
- 2  
5  
+ 25  
20

Añadir Existencias

25

Objetos  
Objetos como tipo de dato

Arrays ó Vectores

$a[5] \Rightarrow$ 

--	--	--	--	--

  
0 1 2 3 4 .....

① Solo consuman la mem necesaria

② Elásticos

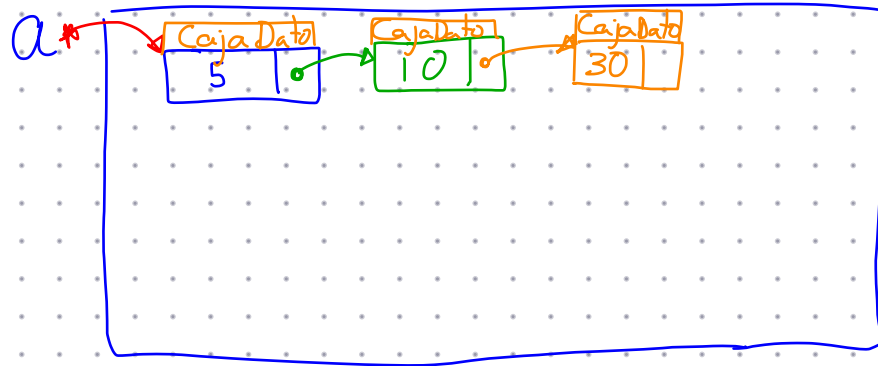
1, 2, 3 ... n

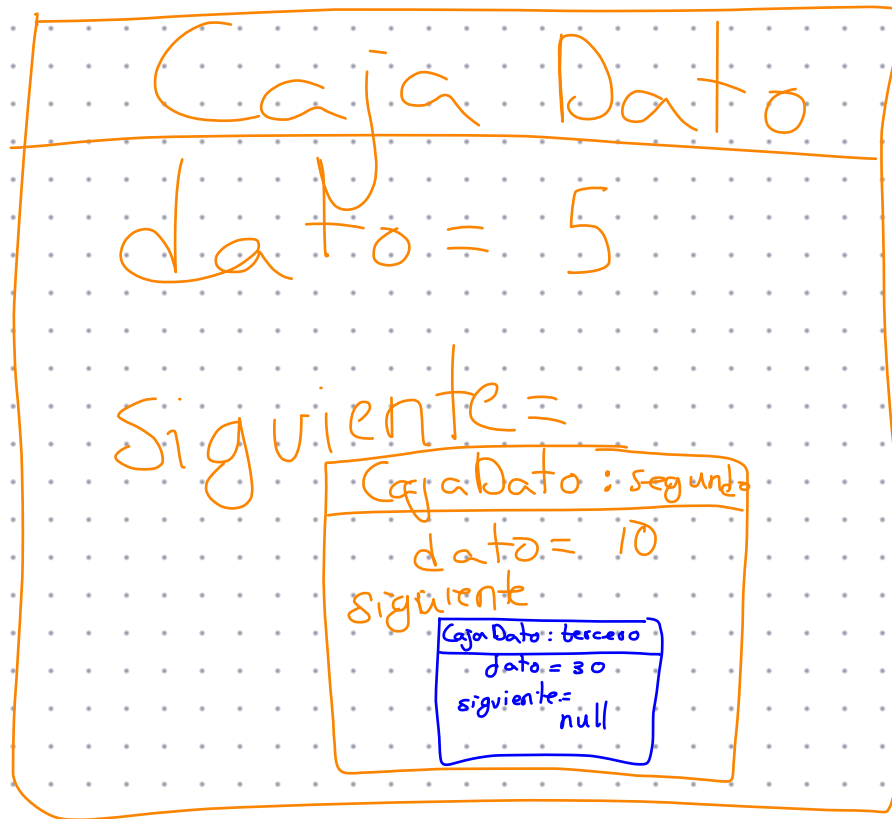
Listas

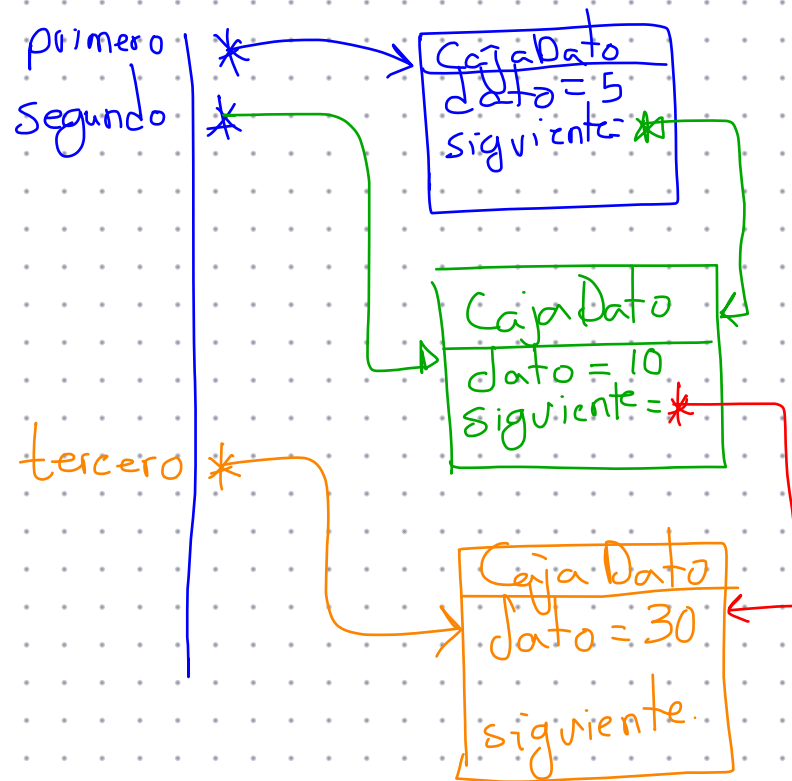
`new List();`

funcion  
agregar

`a.agregar(5);`  
`a.agregar(10);`  
`a.agregar(30);`







①

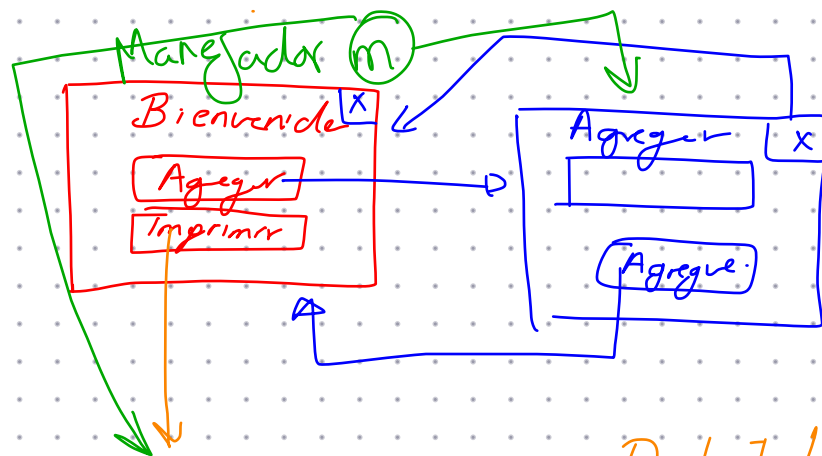
- ① - Agregar
- ② Imprimir Todos
- 9

②

- ① Visualizar
- 2 Agregar

5

- 1 ver siguiente
- 2 ver anterior
- 9 Volver al menu principal



Todos los datos (X)

10
200
300

DataTable


Default Data

J DataTable

git

git init

