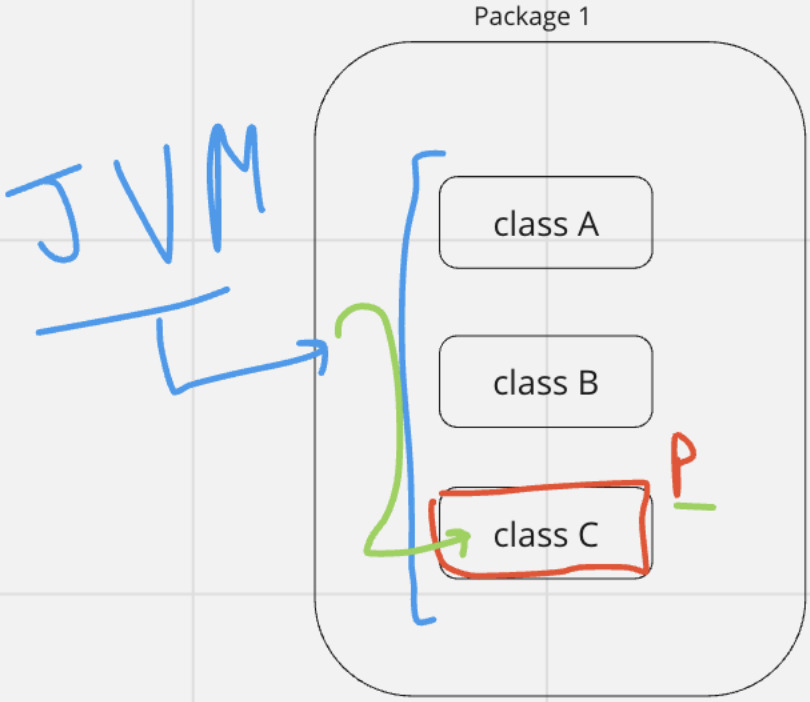


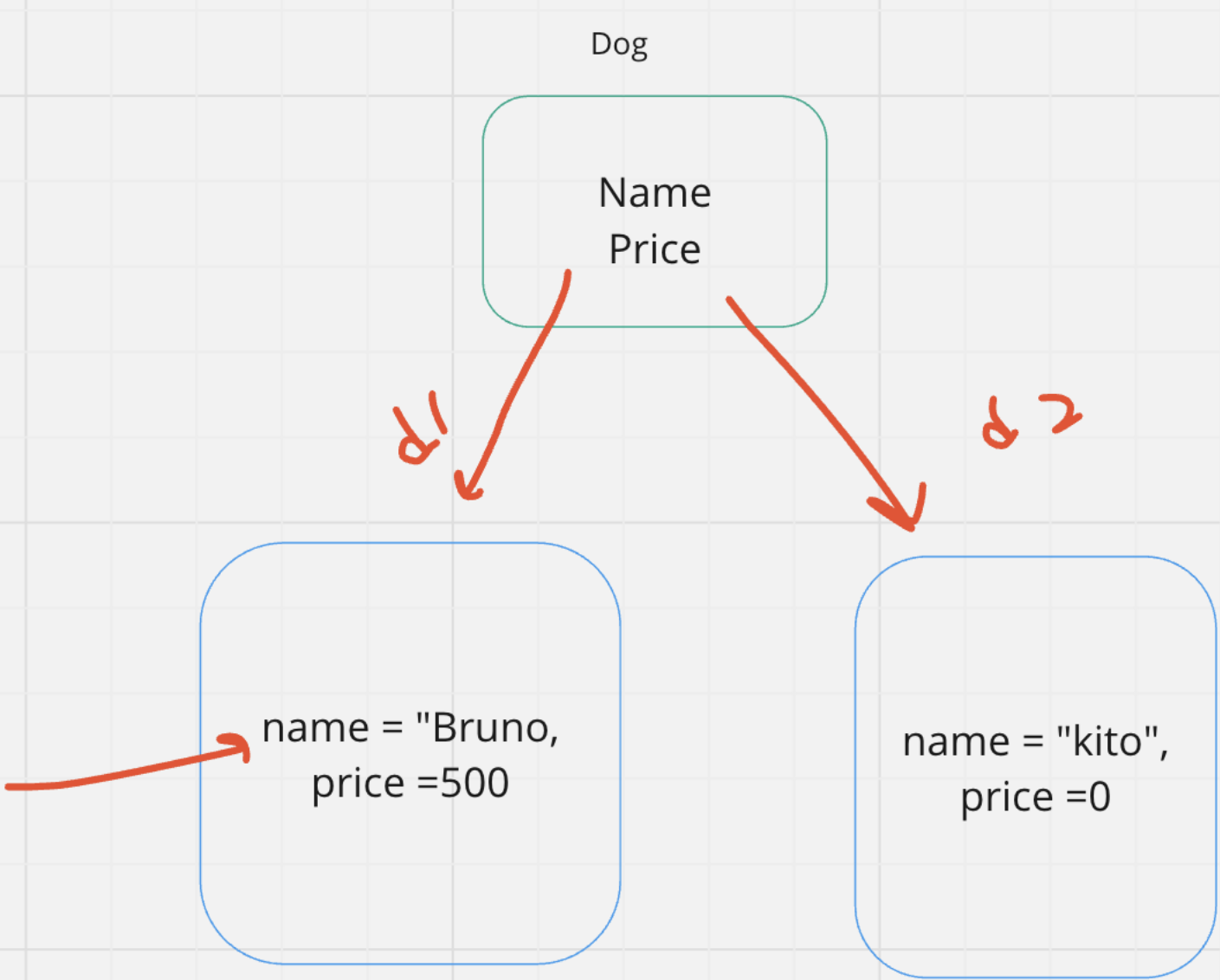

constructor

Name of cons. should be class name

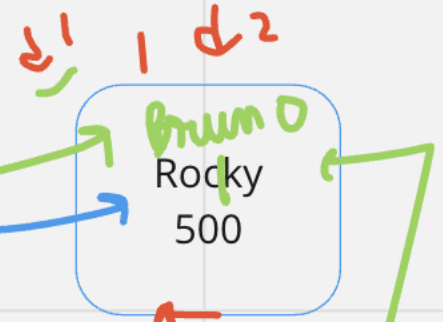
Cons. did not have any return type

cons. is used to init. the instance(variables) members

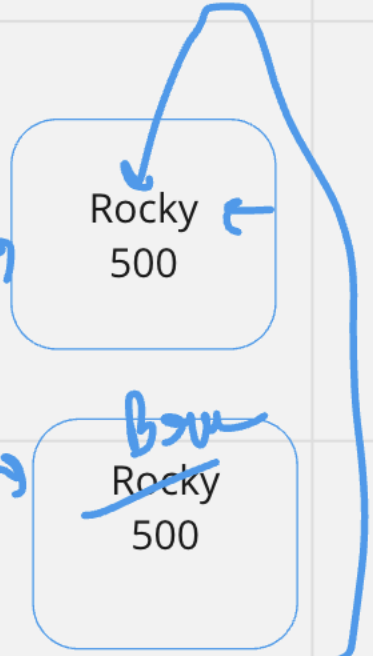
when we create a object at that time cons called automatically

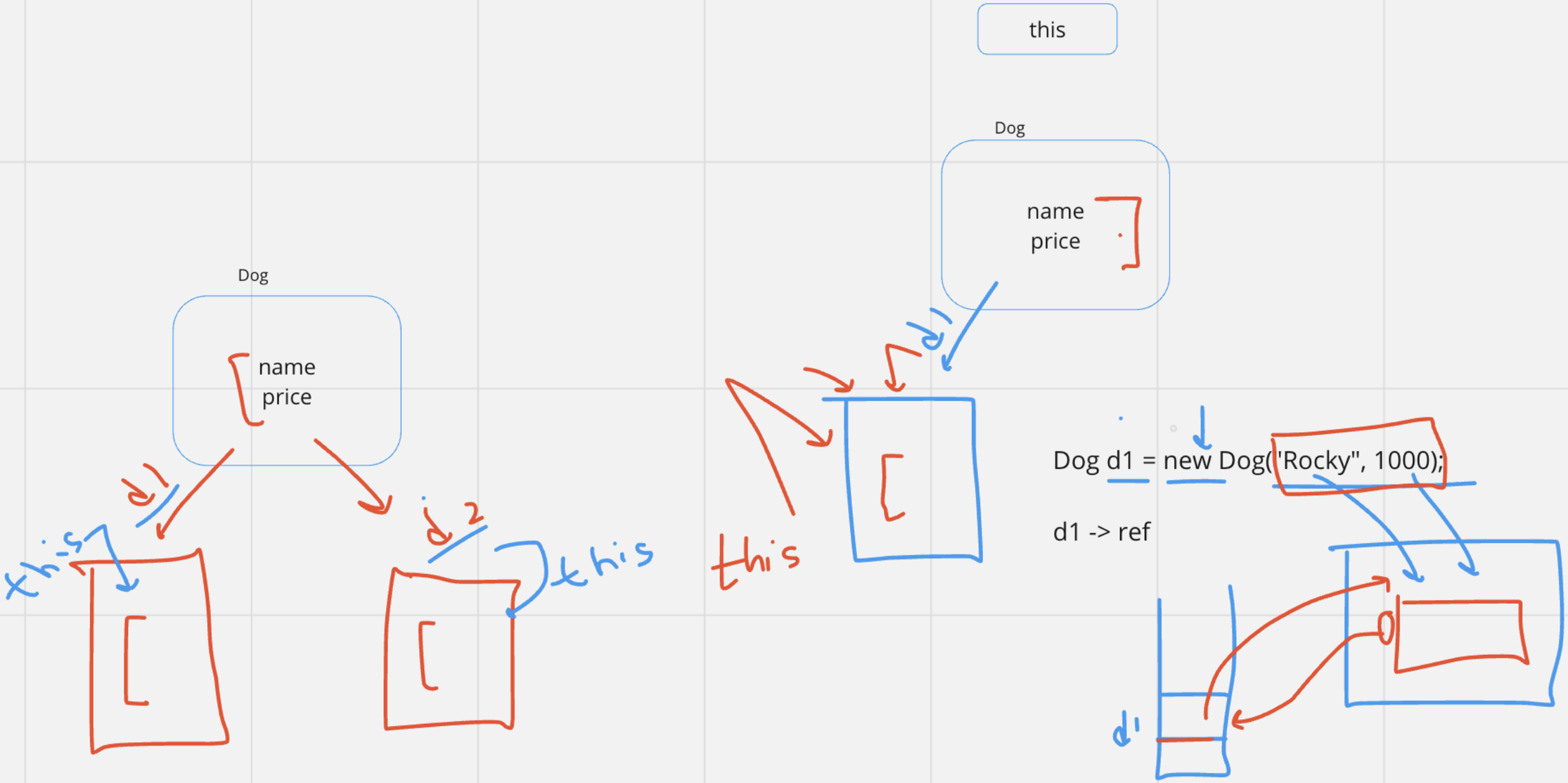

Dog
Name
Price
d1
d2
name = "Bruno,
price =500
name = "kito",
price =0

```
Dog d1 = new Dog("Rocky", 1000);
    //System.out.println(d1.getName() +" "+d1.getPrice());

    Dog d2 = d1;
    //System.out.println(d2.getName() +" "+d2.getPrice());

    d2.setName("Bruno");

    System.out.println(d1.getName());
```

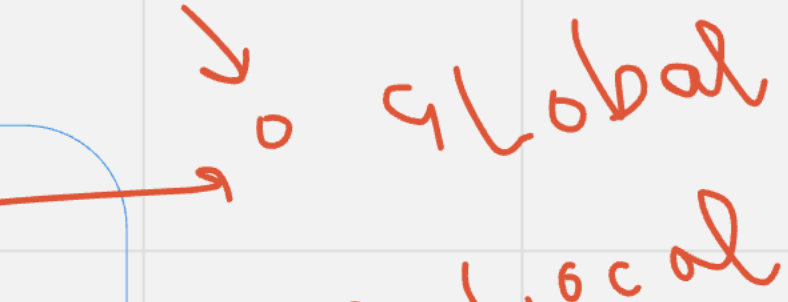


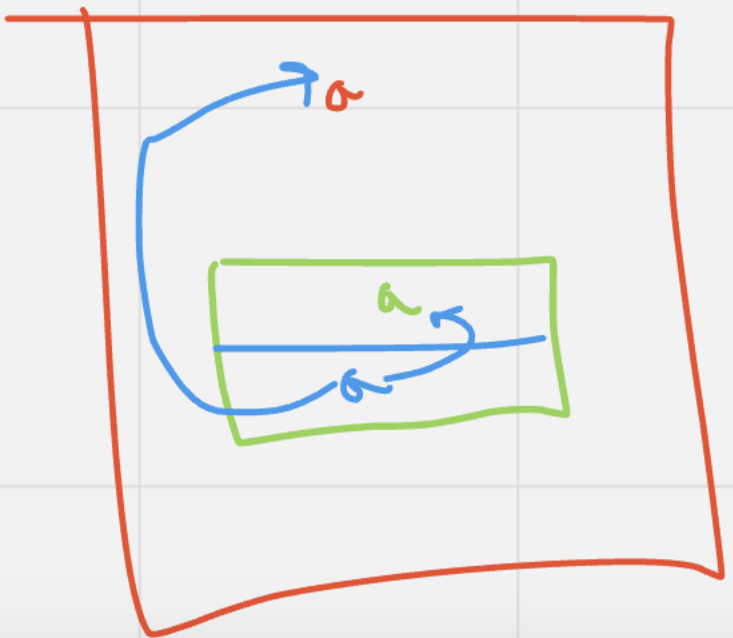

```
Dog d1 = new Dog("Rocky", 1000);

    Dog d2 = new Dog(d1);
    d2.setName("Bruno");
    //System.out.println(d2.getName() +" "+d2.getPrice());
    System.out.println(d1.getName());
```



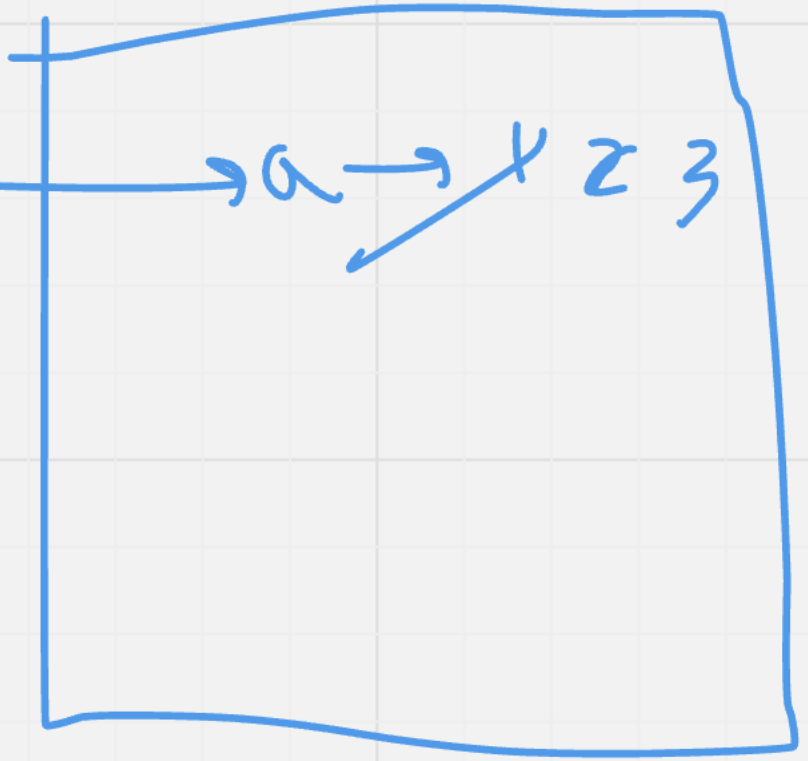

this
Dog
name
price
d1
this
Dog
name
price
d1
d2
this
this
Dog d1 = new Dog("Rocky", 1000);
d1 -> ref
d1

```
class Testing {
    int a;

    Testing(int a) {
        a = a;
    }
```



```
class Testing {

    int a = 1;

    Testing() {

        a = 2;
    }

    Testing(int a) {
        this();
        this.a = a;
    }

    /*

        Testing t = new Testing(3);
        System.out.println(t.a);
    */
```



```
class Testing {

    int a = 1;

    Testing() {
        this(3);
        a = 2;
    }

    Testing(int a) {
        this();
        this.a = a;
    }
```