

```

// Objects may be passed to methods.

class Test {
    int a, b;

    Test(int i, int j) {
        a = i;
        b = j;
    }

    // return true if o is equal to the invoking
    object

    boolean equals(Test o) {

        if(o.a == a && o.b == b) return true;
        else return false;
    }

}

class PassOb {

    public static void main(String args[]) {
        Test ob1 = new Test(100, 22);
        Test ob2 = new Test(100, 22);
        Test ob3 = new Test(-1, -1);

        System.out.println("ob1 == ob2: " +
            ob1.equals(ob2));

        System.out.println("ob1 == ob3: " +
            ob1.equals(ob3));

    }
}

```

This program generates the following output:

```
ob1 == ob2: true
ob1 == ob3: false
```

```
class Test {

    int a;

    Test(int i) {
        a = i;
    }

    Test incrByTen() {
        Test temp = new Test(a+10);
        return temp;
    }

}

class RetOb {

    public static void main(String args[]) {

        Test ob1 = new Test(2);

        Test ob2;

        ob2 = ob1.incrByTen();

        System.out.println("ob1.a: " + ob1.a);

        System.out.println("ob2.a: " + ob2.a);

        ob2 = ob2.incrByTen();
```

```
System.out.println("ob2.a after second  
increase: "+ ob2.a);  
}  
}
```