

```
1: public class NewObjectsInFuncs {
2:     public static void func(Point p) {
3:         Point q = new Point();
4:
5:         q.x=p.x+1;
6:         q.y=p.y+1;
7:
8:         p=q;
9:
10:        System.out.println("during: p.x=" + p.x + ", p.y=" + p.y);
11:        System.out.println("during: q.x=" + q.x + ", q.y=" + q.y);
12:    }
13:
14:    public static void main(String args[]) {
15:        Point p = new Point();
16:        p.x=10;
17:        p.y=20;
18:
19:        System.out.println("before: p.x=" + p.x + ", p.y=" + p.y);
20:        func(p);
21:        System.out.println("after: p.x=" + p.x + ", p.y=" + p.y);
22:    }
23: }
```

