

We can then make another point which has its own X and Y and represents a different instance of the same type of thing, another point on the plane. You can, of course, create as many of an object as you need for your algorithm. Once you have some objects, you can invoke methods on them, (such as `p1.distance(p3)`), which you can think of as asking `p1` to compute the distance to `p3`. That is, you can think of this line of code as saying `p1` go figure out how far you are from `p3`. You can think of the code that executes for this method call as logically belonging to the `p1` object.