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package D2PointEx2;

import java.io.*;
import java.util.*;

class Point {
    double x;
    Point(double n1){
        x = n1;
    }
    public double distance (Point p){//overridden
        return Math.abs(x-p.x);
    }
}
class D2Point extends Point{
    double y;
    D2Point(double n1, double n2){
        super(n1);
        y = n2;
    }
    public double distance (Point p){//overriding
        double u = y-((D2Point)p).y;
        double d = super.distance(p);
        return Math.sqrt(d*d+u*u);
    }
}
class Main {
    public static void main(String[] args){
        D2Point p2 = new D2Point(-1,7);
        D2Point q2 = new D2Point(2,3);
        q2.distance(p2);
    }
}
```