|  |
| --- |
| import java.lang.Math;  class Point  {  private double x = 0;  private double y = 0;    public Point(int a, int b)  {  x = a;  y = b;  }  public double getX()  { return x;  }  public double getY()  { return y;  }    public static void main(String args[])  {  Point pt1=new Point(0,0);  Point pt2=new Point(3,4);  double x1=pt1.getX();  double y1=pt1.getY();  double x2=pt2.getX();  double y2=pt2.getY();    Line a=new Line(pt1,pt2);  a.length(x1,x2,y1,y2);    }  }  public class Line  {  private Point p1;  private Point p2;  public Line (Point firstPoint, Point secondPoint) {  p1 = firstPoint;  p2 = secondPoint;  }  void length(double x1,double x2,double y1,double y2)  {  double length=Math.sqrt((x2-x1)\*(x2-x1)+(y2-y1)\*(y2-y1));  System.out.println(length);  }  } |

**Implement the *method length()* in the *class Line*** that calculates the distance of the two points that are connected by a straight line.