Java program

```
Import java.util.Scanner;
Public class Circle extends Point{
Public static void  main (String[] args){
Scanner sc =new  Scanner(System.in);
Point p1 = new point();
P1.x=sc.nextDouble();
P1.y=sc.nextDouble();
Point p2 = new point();
P2.x=sc.nextDouble();
P2.y=sc.nextDouble();
Circle c1=new Circle();
C1.distance(p1,p2);
}
}

Class point
{
double x;
double y;
Public static void distance(Point p1, Point p2)
{
double  d;
d=Math.sqrt((p2.x-p1.x)*(p2.x-p1.x) + (p2.y-p1.y)*(p2.y-
p1.y)):
System.out.print(d);
}
}
```