class lab801 {

public static void main(String[] args) {

Square s1 = new Square();

System.out.println(s1.getside());

s1.setside(5.0);

System.out.println(s1.getside());

System.out.println(s1.getArea());

System.out.println(s1.getPerimeter());

System.out.println(s1.getDiagonal());

}

static class Square{

private double side;

Square(){

side =1;

}

Square(double side){

this.side = side;

}

void setside( double side1){

this.side = side1;

}

double getside(){

return side;

}

double getArea(){

return (side\*side);

}

double getPerimeter(){

return (4\*side);

}

double getDiagonal(){

return (Math.pow(2,0.5)\*side);

}

}

}

