## Korn Rojrattanapanya (64010009)

```
package classes;
public class RegularPolygon {
    public RegularPolygon() {
    public RegularPolygon(int n, double side) {
         this(n, side, 0, 0);
    public RegularPolygon(int n, double side, double x, double y) {
         this side = side;
    public double getPerimeter() {
         return this.n * this.side;
    public double getArea() {
         return (this.n * this.side * this.side) / (4 * Math.tan(Math.PI / this.n));
    private double side;
    private double y;
    public int getN() {
    public void setN(int n) {
    public double getSide() {
         return this side;
    public void setSide(double side) {
         this.side = side;
    public double getX() {
    public void setX(double x) {
    public double getY() {
```

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```
return this.y;
}

public void setY(double y) {
    this.y = y;
}
```