

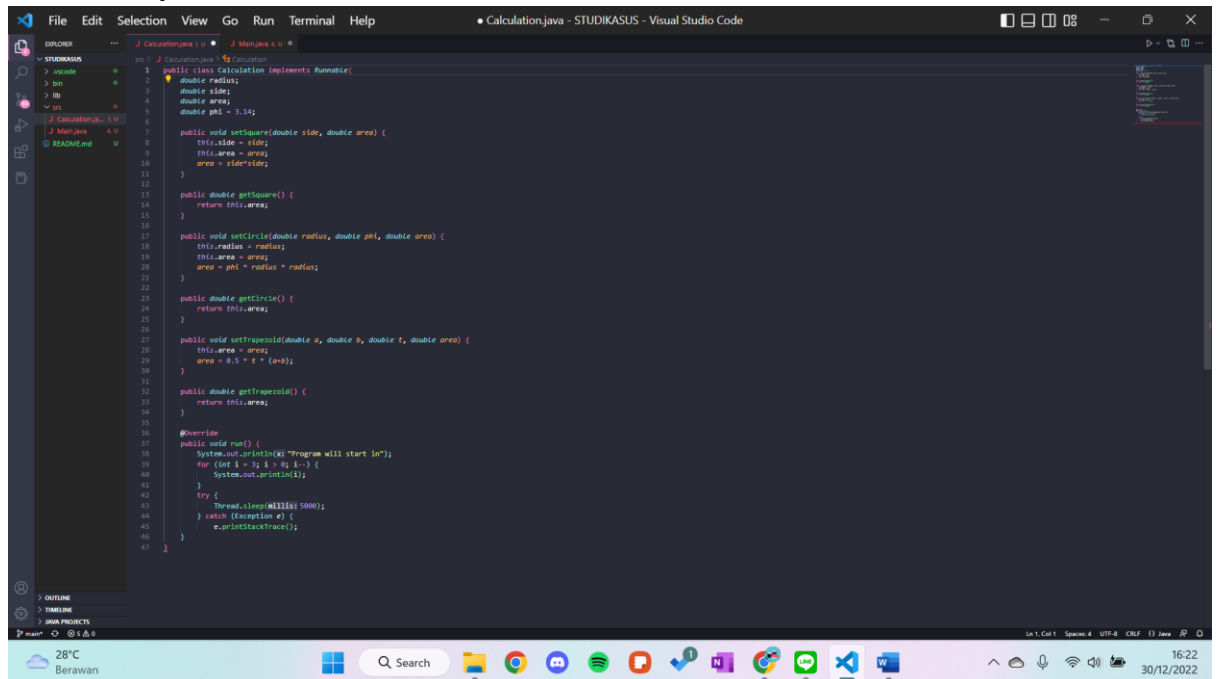
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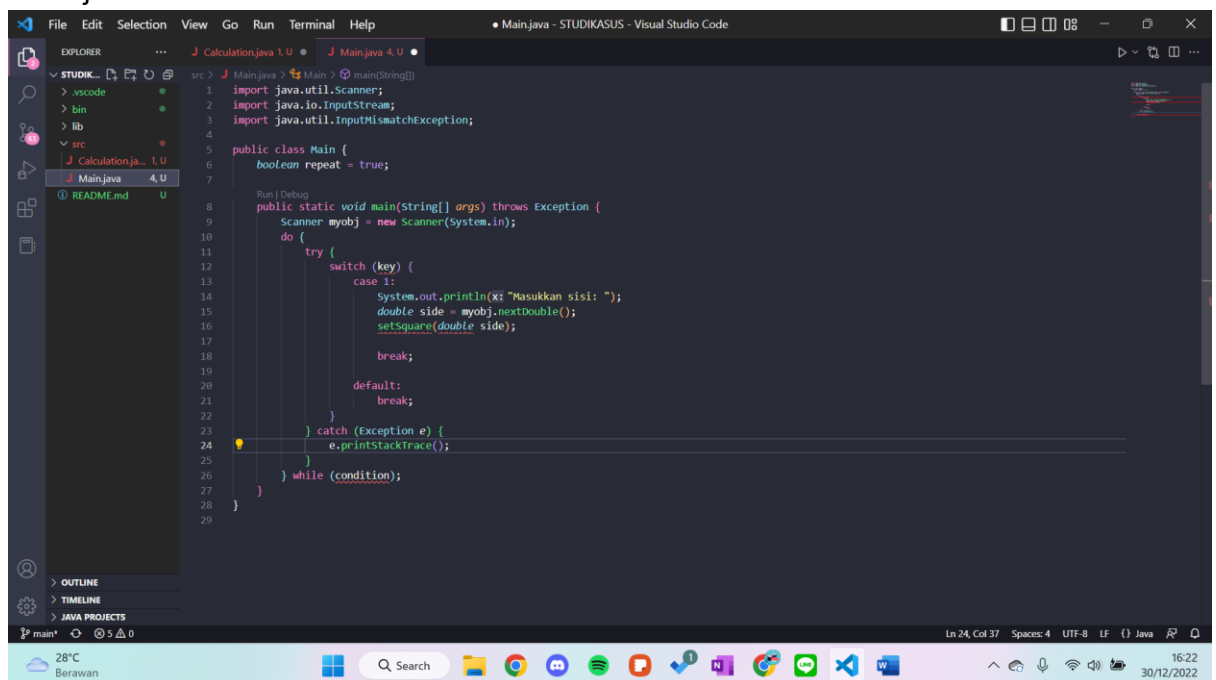
Kode Asprak : DAPA

## 1. Calculation.java



```
src > J Calculation.java 1 Calculation
1 public class Calculation implements Runnable {
2     double radius;
3     double side;
4     double area;
5     double phi = 3.14;
6
7     public void setSquare(double side, double area) {
8         this.side = side;
9         this.area = area;
10        area = side*side;
11    }
12
13    public double getSquare() {
14        return this.area;
15    }
16
17    public void setCircle(double radius, double phi, double area) {
18        this.radius = radius;
19        this.area = area;
20        area = phi * radius * radius;
21    }
22
23    public double getCircle() {
24        return this.area;
25    }
26
27    public void setTrapezoid(double a, double b, double t, double area) {
28        this.area = area;
29        area = 0.5 * t * (a+b);
30    }
31
32    public double getTrapezoid() {
33        return this.area;
34    }
35
36    @Override
37    public void run() {
38        System.out.println("Program will start in");
39        for (int i = 1; i > 0; i--) {
40            System.out.println(i);
41        }
42        try {
43            Thread.sleep(5000);
44        } catch (Exception e) {
45            e.printStackTrace();
46        }
47    }
}
```

## 2. Main.java



```
src > J Calculation.java 1.U J Main.java 4.U
1 import java.util.Scanner;
2 import java.io.InputStream;
3 import java.util.InputMismatchException;
4
5 public class Main {
6     boolean repeat = true;
7
8     public static void main(String[] args) throws Exception {
9         Scanner myobj = new Scanner(System.in);
10        do {
11            try {
12                switch (key) {
13                    case 1:
14                        System.out.println("Masukkan sisi: ");
15                        double side = myobj.nextDouble();
16                        setSquare(double side);
17                        break;
18
19                    default:
20                        break;
21                }
22            } catch (Exception e) {
23                e.printStackTrace();
24            }
25        } while (condition);
26    }
27
28 }
29
```

