# OBJECT-ORIENTED PROGRAMMING WORK MODULE 9



#### **CREATED BY:**

#### **KURNIAWAN BAGASKARA**

L200214253

# INFORMATICS STUDY PROGRAM FACULTY OF COMMUNICATION AND INFORMATION SCIENCE MUHAMMADIYAH SURAKARTA UNIVERSITY

#### **Exercise**

Create an Abstract Method class, then create a new class named Rectangle, Parallelogram, Circle, and Triangle. Next, implement the area() and circumference() methods according to the calculations of each class.

#### MethodAbstrak class

### Lingkaran

Persegi Panjang

## Jajar Genjang

```
© edipse-workspace - pto-mudule/led/src/Abstract/pajarGenjang.java - Edipse IDE
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© Dadageserfolyaw (2 MethodAbstrakjawa 2 module-info.java 3 module-info.java 3 module-info.java 3 module-info.java 3 module-info.java 4 module-info.ja
```

Segitiga

#### Mainn

```
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(**Capadage-infojava** (MethodAbstrakjava** (MethodAbstrak
```

#### Output:

```
+ + + + Persegi Panjang + + + +
Luas Persegi Panjang
                      : 270
Keliling Persegi panjang : 66
+ + + + Jajar Genjang + + + +
                   : 70
Luas Jajar Genjang
Keliling Jajar Genjang
+ + + + Lingkaran + + + +
Luas Lingkaran
                        : 36
Keliling Lingkaran
                       : 84
+ + + + Segitiga + + + +
                       : 82
Luas Segitiga
                    : 36
Keliling Segitiga
```

#### Task

Create an abstract class for constructing space, provided that it has an abstract method for calculating volume, and Cover area/Surface area. Next, create a Beam, Cube, Sphere, Cone, and Triangle Prism class to implement the abstract method.

#### Method Abstrak

```
Celipse-workspace - pbo-module/isrc/Tugas_Abstrak/MethodAbstrak/java - Edipse IDE
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Casabakiyaw | 26 colayiw | 26 colayiw
```

Balok

#### Bola

#### Kerucut

```
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□ Babckjawa | Declarativa | Declarativa
```

#### Kubus

Prisma Segitiga

#### Main

#### Output:

====== Balok ======		
Luas Permukaan Balok		310
Valome Balok	:	350
======= Kubus ======		
Luas Permukaan Kubus	:	96
Valome Kubus	:	512
======= Bola ======		
Luas Permukaan Bola	:	576
Valome Bola	:	147
Kerucut		
Luas Permukaan Kerucut	:	1008
Valome Kerucut	:	156
====== PrismaSegitiga ====	==	
Luas Permukaan PrismaSegitiga	:	696
Valome PrismaSegitiga	:	296