PRAKTIKUM PEMROGAMAN BERORIENTASI OBJEK

MODUL 9: ABSTRACT CLASS



Disusun oleh:

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PROGRAM STUDI TEKNIK INFORMATIKA

FAKULTAS KOMUNIKASI DAN INFORMATIKA

UNIVERSITAS MUHAMMADIYAH SURAKARTA

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Latihan.

Dengan menggunakan class MethodAbstrak pada Program5 di atas, buatlah class PersegiPanjang, JajarGenjang, Lingkaran, dan Segitiga! Selanjutnya implementasikan method luas() dan keliling() yang sesuai dengan perhitungan masing-masing class.

Class MethodAbstract

Class Persegi

```
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Class Persegi Panjang

Class Segitiga

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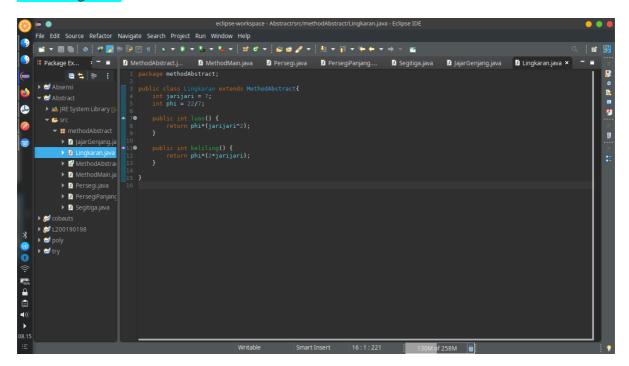
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Class JajarGenjang

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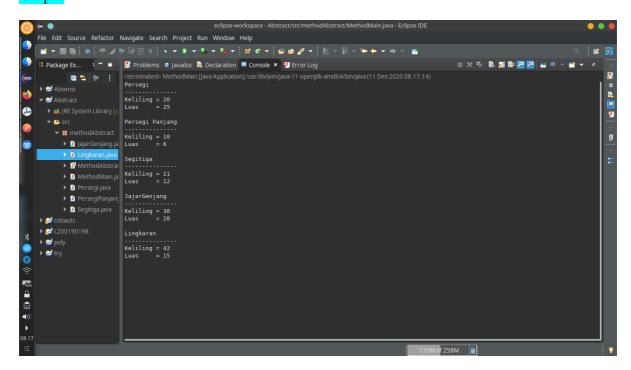
Class Lingkaran



Main Class MethodMain

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@
=
                                   public static void main(String[] args) {
    Persegi psg = new Persegi();
    System.out.println("Persegi");
    System.out.println("-------");
    System.out.println("Kelling = " + psg.getKell());
    System.out.println("Kuas = " + psg.getLuas()+"\n");
}
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Output



Tugas.

Buatlah class abstract untuk bangun ruang, dengan ketentuan memiliki method abstract untuk menghitung volume, dan luasSelimut/luasPermukaan. Selanjutnya buatlah class Balok, Kubus, Bola, Kerucut, dan PrismaSegitiga untuk mengimplementasikan method abstract tesebut!

Class MethodAbstract

Class Kubus

Class Balok

```
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Class PrismaSegitiga

Class Kerucut

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Class Bola

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Main Class MethodMain

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+ balok.getVolume());
+ balok.getLuasPermukaan()+"\n");
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                               ▶ 🧾 MethodMain.ja
                               🕨 🗾 Persegi.java
                           🕶 🚻 tugasBangunRuar
                              ▶ 🗾 Balok.java
                                                                                                                   PrismaSegitiga prisma = new PrismaSegitiga();
System.out.println("Prisma Segitiga");
System.out.println("......");
System.out.println("Volume = " + prisma
System.out.println("Luas Permukaan = " + prisma
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*
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+ prisma.getVolume());
+ prisma.getLuasPermukaan()+"\n");
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Output

