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LATIHAN

```
 * @author firda
 */
public abstract class MethodAbstract {
    public abstract int luas ();
    public abstract int keliling();

    public int getLuas (){
        return luas();
    }
    public int getKell(){
        return keliling();

    }
}
```

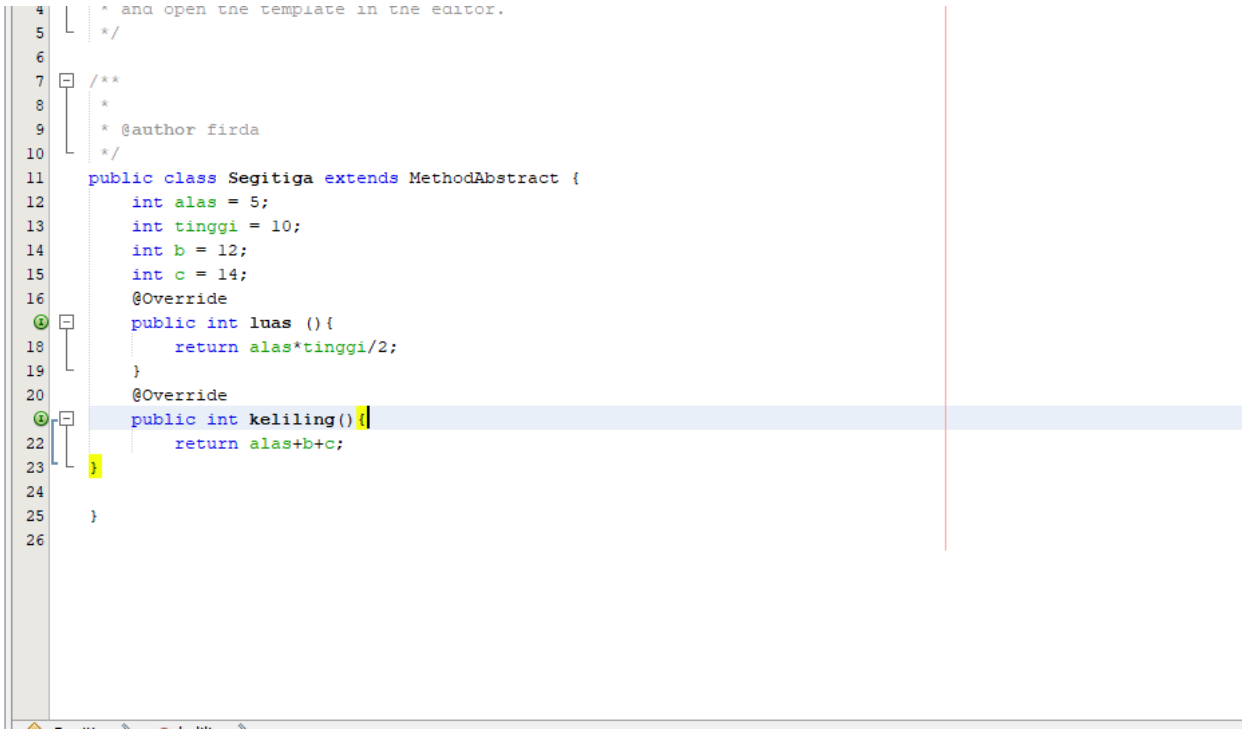
```
 *
 * @author firda
 */
public class JajarGenjang extends MethodAbstract {
    int alas = 10;
    int tinggi = 20;
    int b = 22;
    @Override
    public int luas (){
        return alas*tinggi;
    }
    @Override
    public int keliling(){
        return 2*(alas+b);
}
}
```

```java
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author firda
 */
public class Lingkaran extends MethodAbstract {
    int pi = 22/7;
    int jari = 7;
    @Override
    public int luas (){
        return pi*jari*jari;
    }
    @Override
    public int keliling(){
        return 2*pi+jari;
    }
}
```

```java
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author firda
 */
public class PersegiPanjang extends MethodAbstract {
    int panjang = 5;
    int lebar = 10;
    @Override
    public int luas (){
        return panjang*lebar;
    }
    @Override
    public int keliling(){
        return 2*panjang+lebar;
    }
}
```



```
 * and open the template in the editor.
 */

/**
 *
 * @author firda
 */
public class Segitiga extends MethodAbstract {
    int alas = 5;
    int tinggi = 10;
    int b = 12;
    int c = 14;
    @Override
    public int luas (){
        return alas*tinggi/2;
    }
    @Override
    public int keliling(){
        return alas+b+c;
}

}
```

```java
/**
 *
 * @author firda
 */
public class MethodMain {
    public static void main(String[] args) {
        Segitiga sgt = new Segitiga();
        JajarGenjang jg = new JajarGenjang();
        PersegiPanjang pp = new PersegiPanjang();
        Lingkaran L = new Lingkaran();
        System.out.println("Keliling Segitiga = " + sgt.keliling());
        System.out.println("Luas Segitiga = " + sgt.luas());
        System.out.println("Keliling JajarGenjang = " + jg.keliling());
        System.out.println("Luas JajarGenjang = " + jg.luas());
        System.out.println("Keliling PersegiPanjang = " + pp.keliling());
        System.out.println("Luas PersegiPanjang = " + pp.luas());
        System.out.println("Keliling Lingkaran = " + L.keliling());
        System.out.println("Luas Lingkaran = " + L.luas());
    }

}
```

MethodMain > main > L >

Output - Module9 (run)

```
run:
Keliling Segitiga = 31
Luas Segitiga = 25
Keliling JajarGenjang = 64
Luas JajarGenjang = 200
Keliling PersegiPanjang = 20
Luas PersegiPanjang = 50
Keliling Lingkaran = 13
Luas Lingkaran = 147
BUILD SUCCESSFUL (total time: 0 seconds)
```

Ao

SOAL BANGUN RUANG

```
 * and open the template in the editor.
 */

/**
 *
 * @author firda
 */
public class Segitiga extends MethodAbstract {
    int alas = 5;
    int tinggi = 10;
    int b = 12;
    int c = 14;
    @Override
    public int luas (){
        return alas*tinggi/2;
    }
    @Override
    public int keliling(){
        return alas+b+c;
}

}
```

```
 */
package BangunRuang;

/**Luas
 *
 * @author firda
 */
public abstract class MethodAbstract {
    public abstract int Volume ();
    public abstract int LuasSelimut();

    public int getVolume (){
        return Volume();
    }
    public int getSelimut(){
        return LuasSelimut();
    }
}
```

```java
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class Balok extends MethodAbstract {
    int p = 18;
    int l = 20;
    int t = 22;
    @Override
    public int Volume(){
        return p*l*t;
}
    @Override
    public int LuasSelimut(){
        return 2*(p*l+p*t+l*t);
    }

}
```

```java
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class Bola extends MethodAbstract {
   int pi = 22/7;
   int jari = 7;

    public int Volume(){
        return 4/3*pi*jari*jari;
}
    @Override
    public int LuasSelimut(){
        return 4*pi*jari*jari;
    }
}
```

```java
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class Kerucut extends MethodAbstract{
    int t = 50;
    int pi = 22/7;
    int jari = 7;
    int s = 40;

    @Override
    public int Volume(){
        return (pi*jari*jari*t)*1/3;
}
    @Override
    public int LuasSelimut(){
        return pi*jari*s;
    }


}
```

utput - Module9 (run)

```
run:
Keliling Segitiga = 31
```

```
 * and open the template in the editor.
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class Kubus extends MethodAbstract{
    int s = 10;
    @Override
    public int Volume(){
        return s*s*s;
}
    @Override
    public int LuasSelimut(){
        return 6*(s*s);
    }

}
```

```
 * and open the template in the editor.
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class PrismaSegitiga {
    int a = 10;
    int t = 20;
    int tprisma =40;


    public int Volume(){
        return a*t/2*tprisma;
}
    public int LuasSelimut(){
        return t*(a+(3*tprisma));
    }

}
```

```java
 * and open the template in the editor.
 */
package BangunRuang;

/**
 *
 * @author firda
 */
public class MethodMain {
    public static void main(String[] args) {
        Balok blk = new Balok();
        Bola bla = new Bola();
        Kerucut krc = new Kerucut();
        Kubus kbs = new Kubus();
        PrismaSegitiga ps = new PrismaSegitiga();

        System.out.println("Volume Balok = " + blk.Volume());
        System.out.println("LuasPermukaan Balok = " + blk.LuasSelimut());
        System.out.println("Volume Bola = " + bla.Volume());
        System.out.println("LuasPermukaan Bola = " + bla.LuasSelimut());
        System.out.println("Volume Kerucut = " + krc.Volume());
        System.out.println("LuasPermukaan Kerucut = " + krc.LuasSelimut());
        System.out.println("Volume Kubus = " + kbs.Volume());
        System.out.println("Luas Permukaankubus = " + kbs.LuasSelimut());
        System.out.println("Volume PrismaSegitiga = " + ps.Volume());
        System.out.println("Luas Permukaan PrismaSegitiga = " + ps.LuasSelimut());
    }
}

```

BangunRuang.MethodMain > main >

Output - Module9 (run)

```
run:
Volume Balok = 7920
LuasPermukaan Balok = 2392
Volume Bola = 147
LuasPermukaan Bola = 588
Volume Kerucut = 2450
LuasPermukaan Kerucut = 840
Volume Kubus = 1000
Luas Permukaankubus = 600
Volume PrismaSegitiga = 4000
Luas Permukaan PrismaSegitiga = 2600
BUILD SUCCESSFUL (total time: 0 seconds)
```