NAMA : Dimas Kharismawan
NIM : L200180102
KELAS : C

TUGAS MODUL 9

Abstrak.java | Balok.java | Bola.java | Kerucut.java | Kubus.java | PrismaSegitiga.java | Out.java

Source | History

```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.
 */
package Tugas;

/**
 *
 * @author LABRPL-29
 */
public class PrismaSegitiga extends Abstrak{
    float sisi = 6;
    float tinggi = 8;
    float tinggipris = 12;

    public float volume(){
        return ((sisi + sisi + sisi) * tinggipris) + (sisi * tinggi);
    }
    public float luaspermukaan(){
        return (sisi * tinggi)/2 * tinggipris;
    }
}
```

Projects: GUI, latihan_project, modul9, Source Packages, Tugas, Abstrak.java, Balok.java, Bola.java, Kerucut.java, Kubus.java, Out.java, PrismaSegitiga.java, main.java.Tugas, main.java.pog, modul9, Test Packages, Libraries, Test Libraries, PBO, PunyaBapakSaya, RentalVCD, schology, SCHOLOGY

Output

6:1   INS

Abstrak.java | Balok.java | Bola.java | Kerucut.java | Kubus.java | PrismaSegitiga.java | Out.java

Source | History

```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.
 */
package Tugas;

/**
 *
 * @author LABRPL-29
 */
public class Kerucut extends Abstrak{
    float sisimiring = 10;
    float jarijari = 8;
    float tinggi = 6;

    public float volume(){
        return (22 * jarijari * jarijari * tinggi)/7;
    }
    public float luaspermukaan(){
        return ((22 * jarijari * sisimiring)/7) + ((22 * jarijari * jarijari)/7);
    }
}
```

Projects: GUI, latihan_project, modul9, Source Packages, Tugas, Abstrak.java, Balok.java, Bola.java, Kerucut.java, Kubus.java, Out.java, PrismaSegitiga.java, main.java.Tugas, main.java.pog, modul9, Test Packages, Libraries, Test Libraries, PBO, PunyaBapakSaya, RentalVCD, schology, SCHOLOGY

Output

6:1   INS

Projects × Services Files

...ge | Abstrak.java × | Balok.java × | Bola.java × | Kerucut.java × | Kubus.java × | PrismaSegitiga.java × | Out.java ×

Source | History

```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.
 */
package Tugas;

/**
 *
 * @author LABRPL-29
 */
public class Balok extends Abstrak{
    float panjang = 5;
    float lebar = 4;
    float tinggi = 6;

    public float volume(){
        return panjang * lebar * tinggi;
    }
    public float luaspermukaan(){
        return 2*panjang + 2*lebar + 2*tinggi;
    }
}
```

Projects tree:
- GUI
- latihan_project
- modul9
  - Source Packages
    - Tugas
      - Abstrak.java
      - Balok.java
      - Bola.java
      - Kerucut.java
      - Kubus.java
      - Out.java
      - PrismaSegitiga.java
      - main.java.Tugas
    - main.java.pog
    - modul9
  - Test Packages
  - Libraries
  - Test Libraries
- PBO
- PunyaBapakSaya
- RentalVCD
- schology
- SCHOLOGY

Output   6:1   INS

Projects × Services Files

...ge | Abstrak.java × | Balok.java × | Bola.java × | Kerucut.java × | Kubus.java × | PrismaSegitiga.java × | Out.java ×

Source | History

```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.
 */
package Tugas;

/**
 *
 * @author LABRPL-29
 */
public class Bola extends Abstrak{
    float jarijari = 7;
    float phi = 3.14f;

    public float volume(){
        return (4 * phi * jarijari * jarijari * jarijari)/3;
    }
    public float luaspermukaan(){
        return 4 * phi * jarijari * jarijari;
    }
}
```

Projects tree:
- GUI
- latihan_project
- modul9
  - Source Packages
    - Tugas
      - Abstrak.java
      - Balok.java
      - Bola.java
      - Kerucut.java
      - Kubus.java
      - Out.java
      - PrismaSegitiga.java
      - main.java.Tugas
    - main.java.pog
    - modul9
  - Test Packages
  - Libraries
  - Test Libraries
- PBO
- PunyaBapakSaya
- RentalVCD
- schology
- SCHOLOGY

Output   6:1   INS

Projects | Services | Files

- GUI
- latihan_project
- ▼ modul9
  - ▼ Source Packages
    - ▼ Tugas
      - Abstrak.java
      - Balok.java
      - Bola.java
      - Kerucut.java
      - Kubus.java
      - Out.java
      - PrismaSegitiga.java
      - main.java.Tugas
    - main.java.pog
    - modul9
  - Test Packages
  - Libraries
  - Test Libraries
- PBO
- PunyaBapakSaya
- RentalVCD
- schology
- SCHOLOGY

...ge | Abstrak.java × | Balok.java × | Bola.java × | Kerucut.java × | Kubus.java × | PrismaSegitiga.java × | Out.java ×

Source | History

```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.
 */
package Tugas;

/**
 *
 * @author LABRPL-29
 */
public class Kubus extends Abstrak{
    float sisi = 5;

    public float volume(){
        return sisi*sisi*sisi;
    }
    public float luaspermukaan(){
        return 6 * sisi * sisi;
    }
}
```

Output

6:1   INS

Projects | Services | Files

- GUI
- latihan_project
- ▼ modul9
  - ▼ Source Packages
    - ▼ Tugas
      - Abstrak.java
      - Balok.java
      - Bola.java
      - Kerucut.java
      - Kubus.java
      - Out.java
      - PrismaSegitiga.java
      - main.java.Tugas
    - main.java.pog
    - modul9
  - Test Packages
  - Libraries
  - Test Libraries
- PBO
- PunyaBapakSaya
- RentalVCD
- schology

...ge | Abstrak.java × | Balok.java × | Bola.java × | Kerucut.java × | Kubus.java × | PrismaSegitiga.java × | Out.java ×

Source | History

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

/**
 *
 * @author LABRPL-29
 */
public class Out {
    public static void main(String[] args){
        System.out.println("Balok");
        Balok blk = new Balok();
        System.out.println("Volume = "  + blk.getVolume());
        System.out.println("Luas permukaan = " + blk.getLuasper() + "\n");

        System.out.println("Kubus");
        Kubus kbs = new Kubus();
        System.out.println("Volume = "  + kbs.getVolume());
        System.out.println("Luas permukaan = " + kbs.getLuasper() + "\n");

        System.out.println("Bola");
        Bola bla = new Bola();
        System.out.println("Volume = "  + bla.getVolume());
```

Output - modul9 (run)

```
run:
Balok
Volume = 120.0
Luas permukaan = 30.0

Kubus
Volume = 125.0
Luas permukaan = 150.0

Bola
Volume = 1436.0269
Luas permukaan = 615.44006
```

Output

6:1   INS

Source History

```
17            System.out.println("Luas permukaan = " + blk.getLuasper() + "\n");
18
19            System.out.println("Kubus");
20            Kubus kbs = new Kubus();
21            System.out.println("Volume = "  + kbs.getVolume());
22            System.out.println("Luas permukaan = " + kbs.getLuasper() + "\n");
23
24            System.out.println("Bola");
25            Bola bla = new Bola();
26            System.out.println("Volume = "  + bla.getVolume());
27            System.out.println("Luas permukaan = " + bla.getLuasper() + "\n");
28
29            System.out.println("Kerucut");
30            Kerucut krc = new Kerucut();
31            System.out.println("Volume = "   + krc.getVolume());
32            System.out.println("Luas permukaan = " + krc.getLuasper() + "\n");
33
34            System.out.println("Segitiga");
35            PrismaSegitiga prsm = new PrismaSegitiga();
36            System.out.println("Volume = "  + prsm.getVolume());
37            System.out.println("Luas permukaan = " + prsm.getLuasper() + "\n");
38        }
39    }
```

Output - modul9 (run)

```
Bola
Volume = 1436.0269
Luas permukaan = 615.44006

Kerucut
Volume = 1206.8572
Luas permukaan = 452.5714

Segitiga
Volume = 264.0
Luas permukaan = 288.0
```

Output   6:1   INS