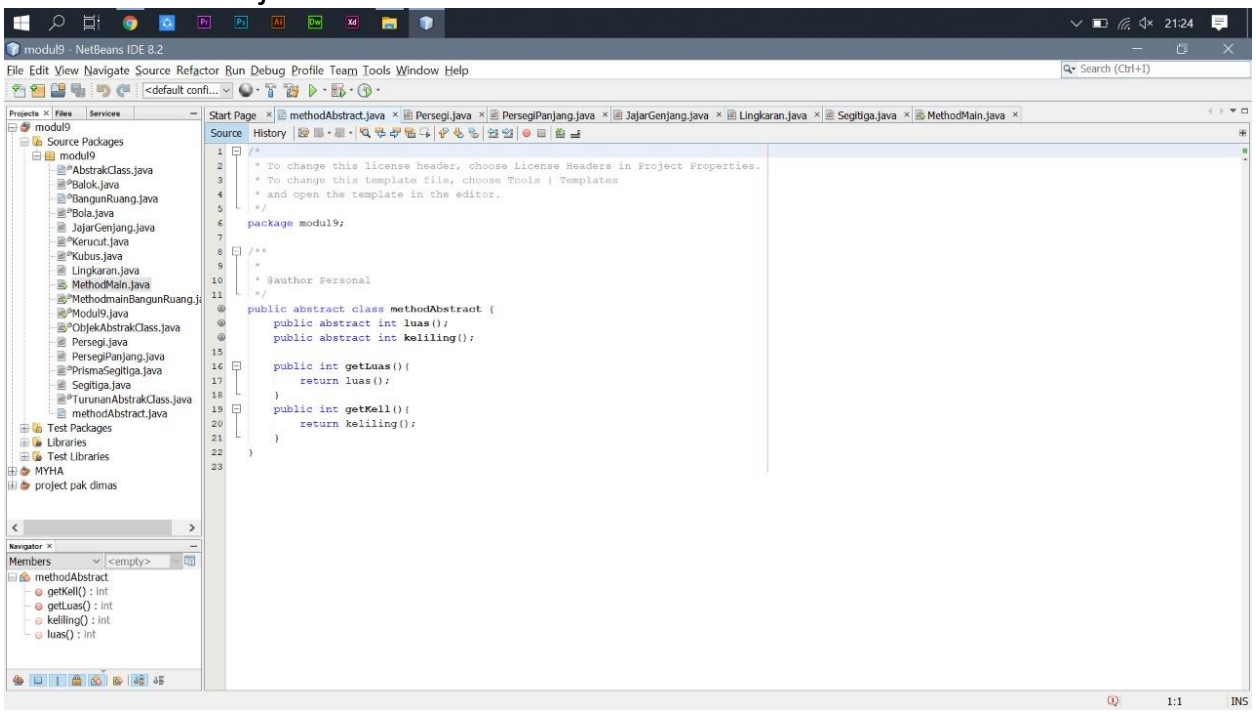
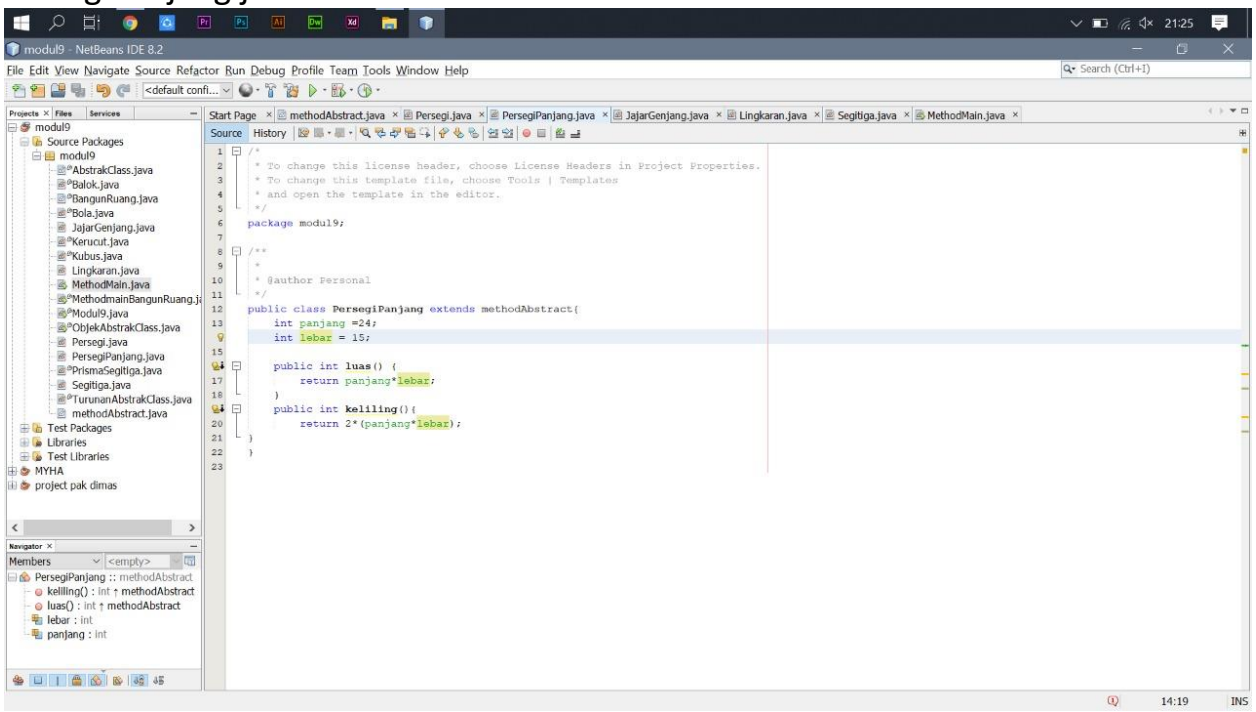
NAMA : ANANG PRASETYO
NIM : L200180063
KELAS : B

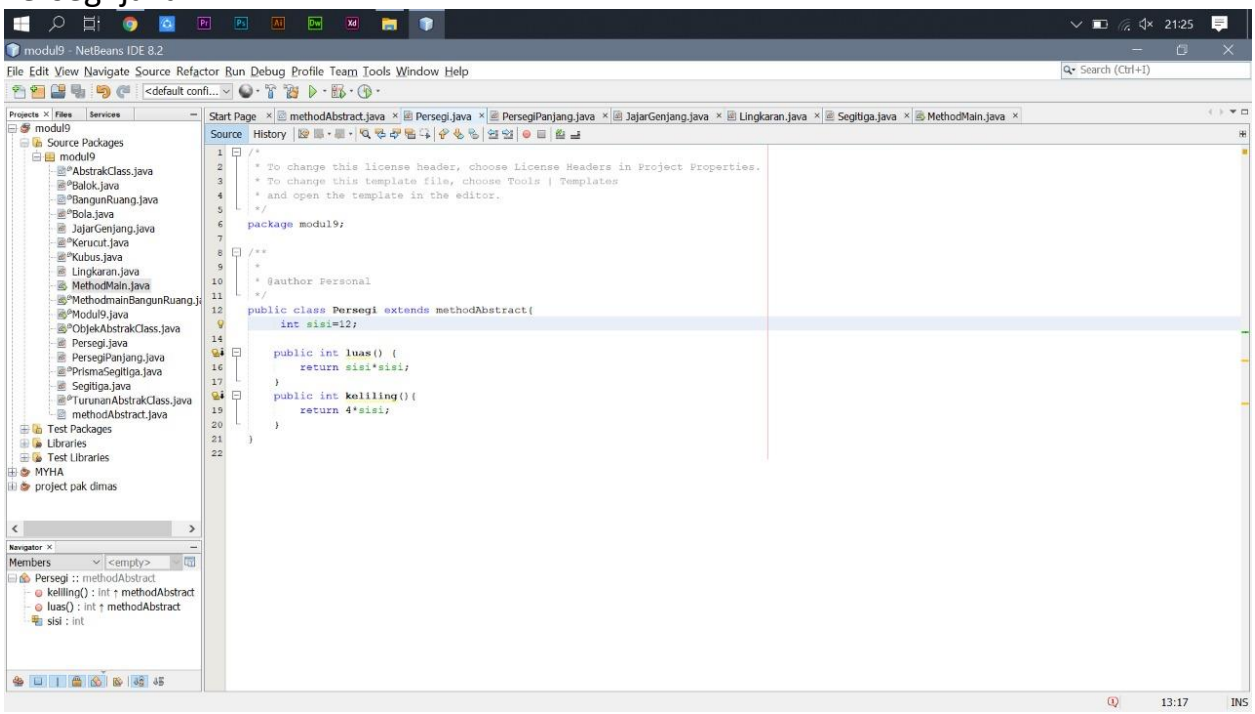
MethodAbstract.java



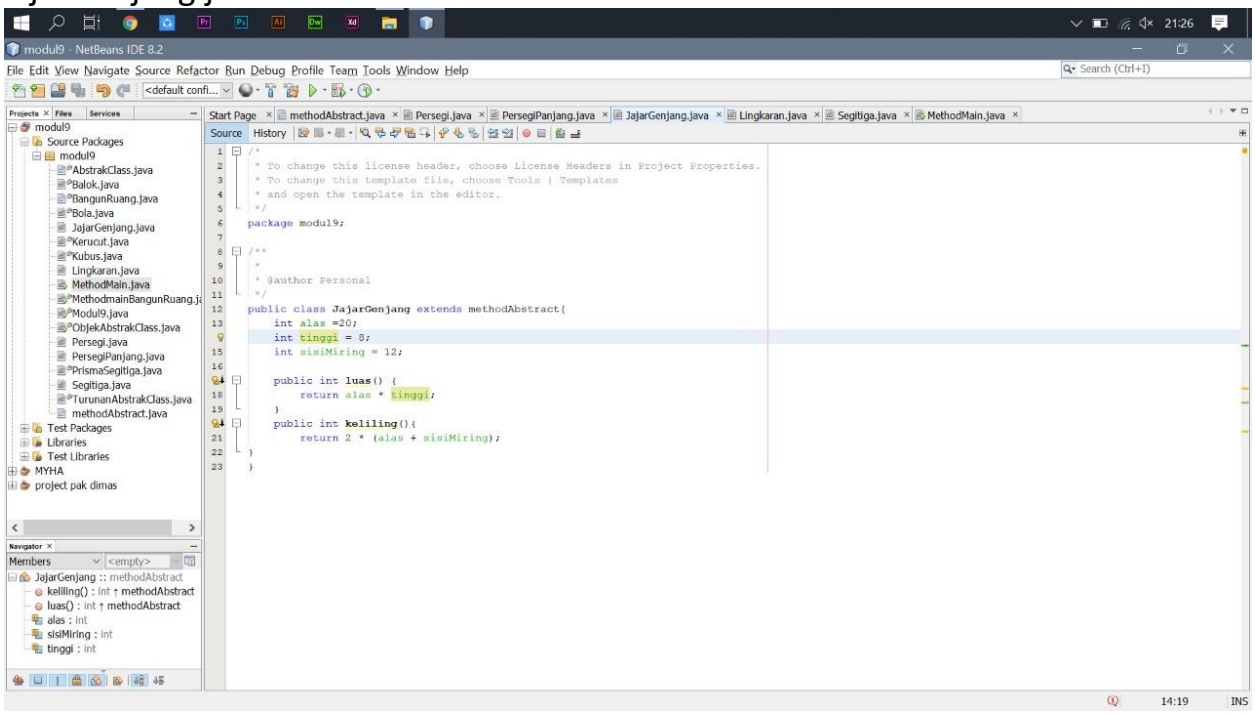
PersegiPanjang.java



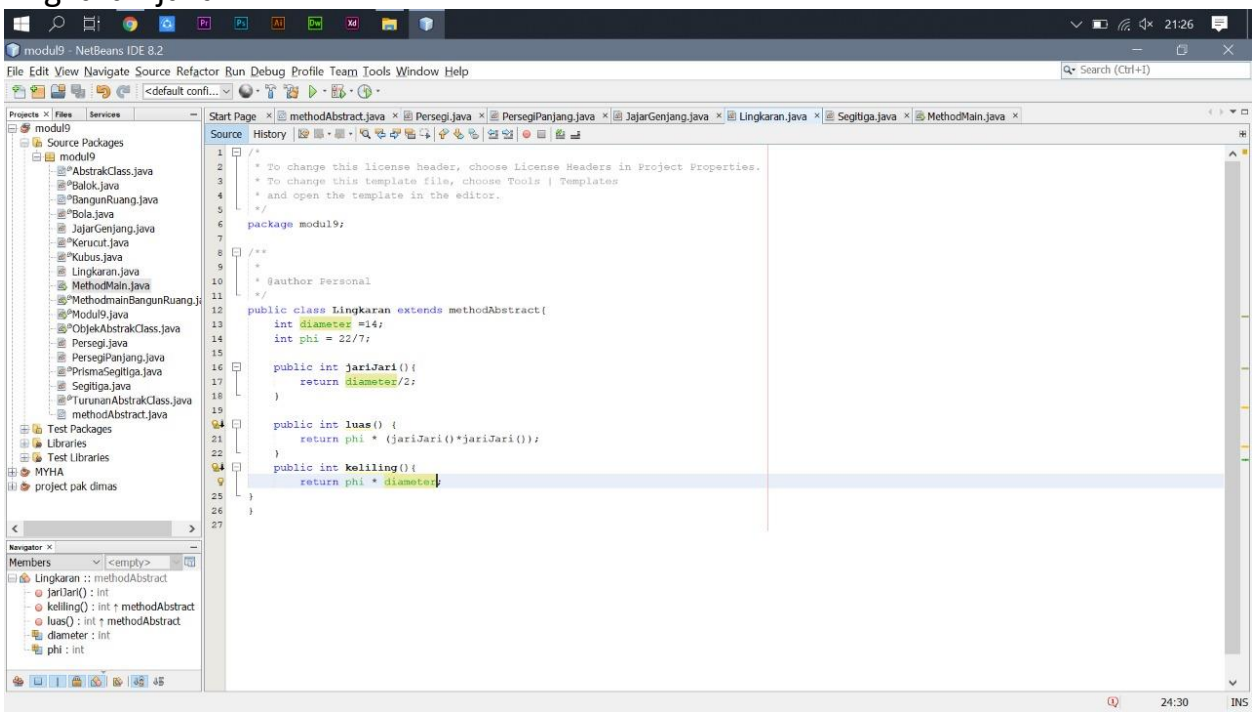
Persegi.java



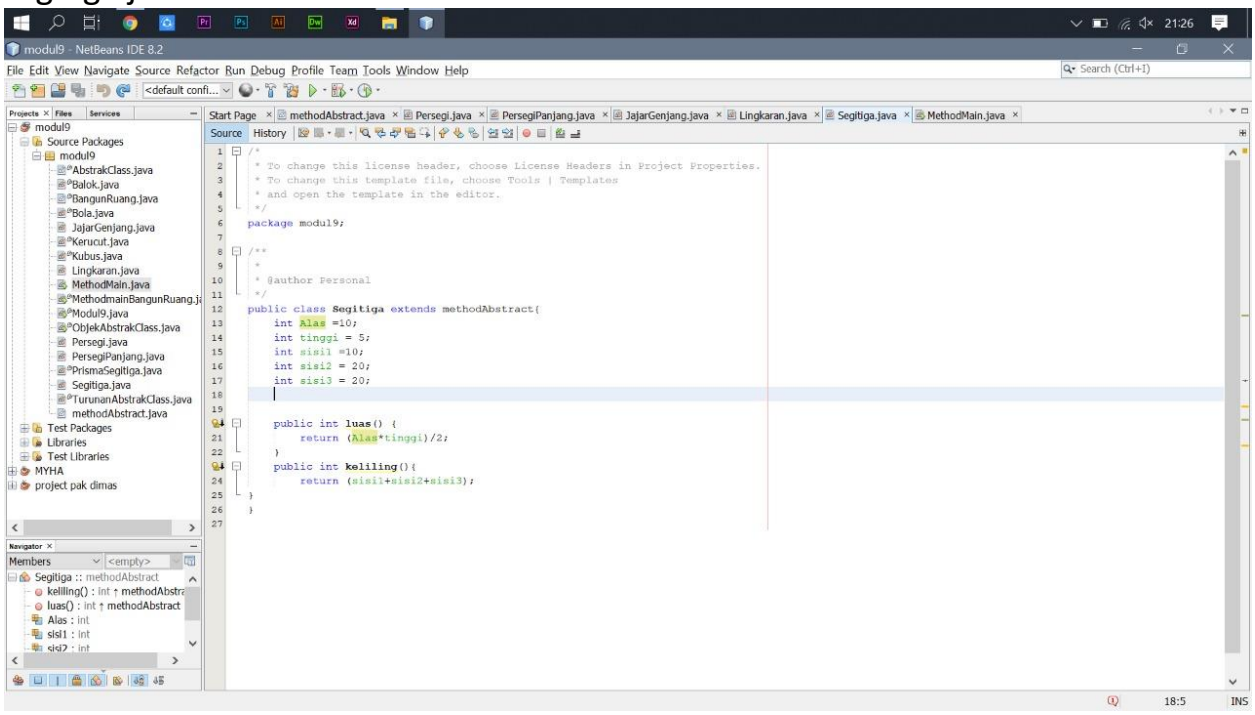
JajarGenjang.java



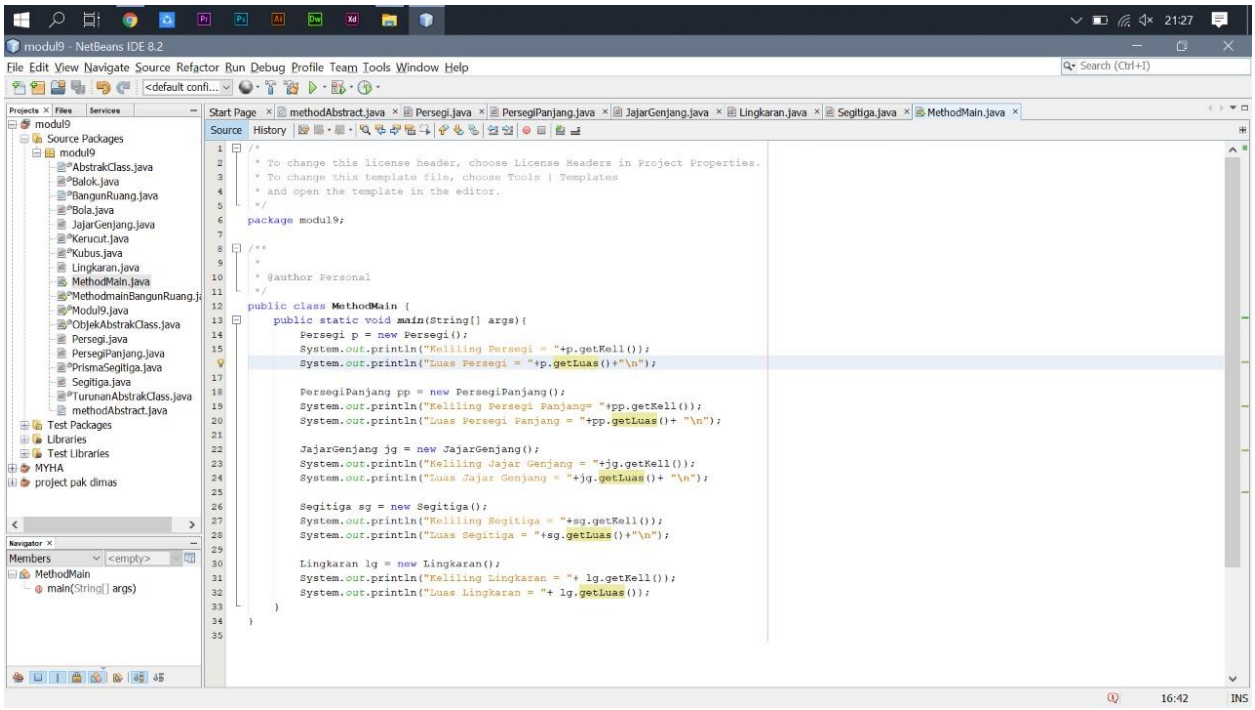
Lingkaran.java

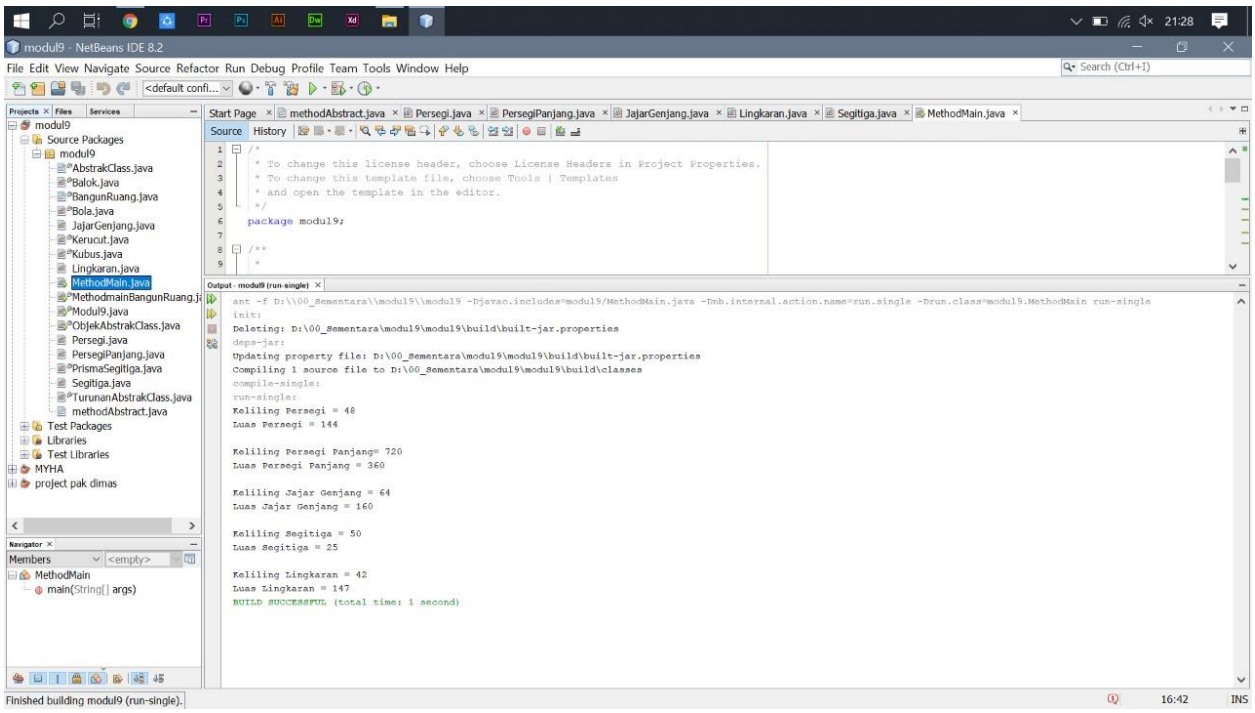


Segitiga.java



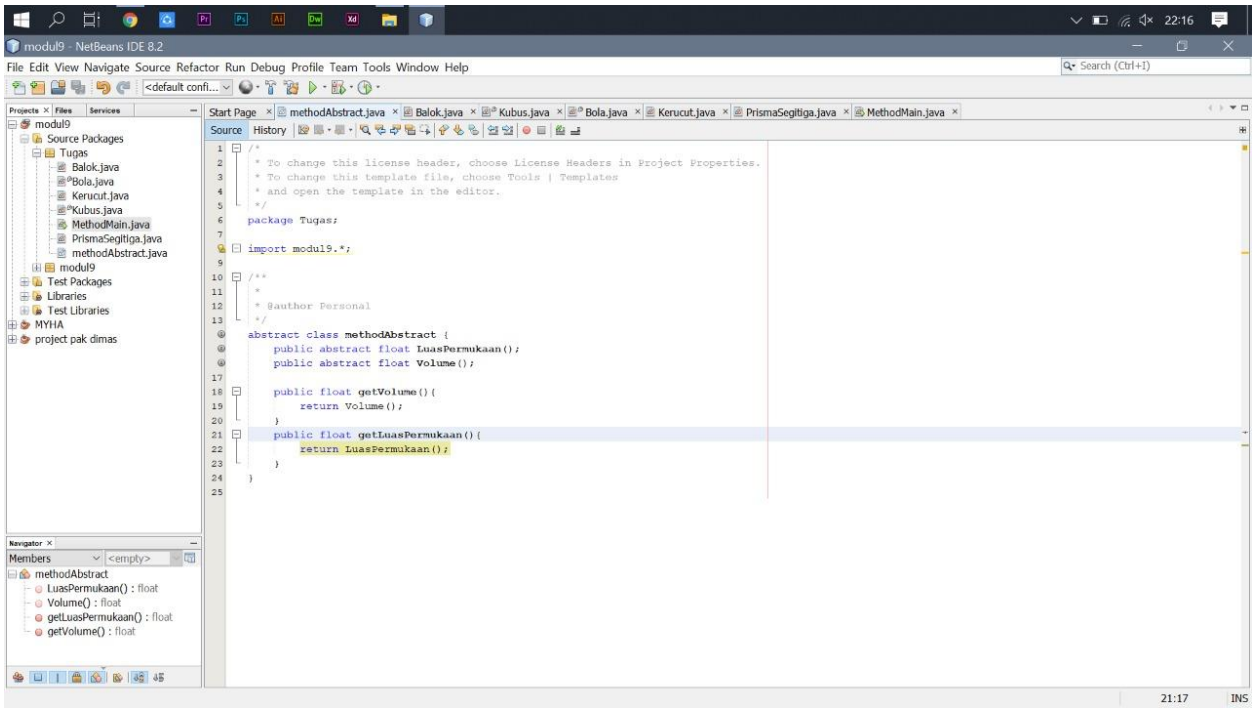
Demo


modul9 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Start Page | methodAbstract.java | Persegi.java | PersegiPanjang.java | JajarGenjang.java | Lingkaran.java | Segitiga.java | MethodMain.java
Source History
/*
* 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 modul9;
/**
*
* @author Personal
*/
public class MethodMain {
public static void main(String[] args){
Persegi p = new Persegi();
System.out.println("Keliling Persegi = "+p.getKell());
System.out.println("Luas Persegi = "+p.getLuas()+"\n");
PersegiPanjang pp = new PersegiPanjang();
System.out.println("Keliling Persegi Panjang= "+pp.getKell());
System.out.println("Luas Persegi Panjang = "+pp.getLuas()+ "\n");
JajarGenjang jg = new JajarGenjang();
System.out.println("Keliling Jajar Genjang = "+jg.getKell());
System.out.println("Luas Jajar Genjang = "+jg.getLuas()+ "\n");
Segitiga sg = new Segitiga();
System.out.println("Keliling Segitiga = "+sg.getKell());
System.out.println("Luas Segitiga = "+sg.getLuas()+"\n");
Lingkaran lg = new Lingkaran();
System.out.println("Keliling Lingkaran = "+ lg.getKell());
System.out.println("Luas Lingkaran = "+ lg.getLuas());
}
}
16:42
INS


modul9 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Output - modul9 (run-single)
ant -f D:\\00_Sementara\\modul9\\modul9 -Djavac.includes=modul9/MethodMain.java -Dnb.internal.action.name=run.single -Drun.class=modul9.MethodMain run-single
init:
Deleting: D:\00_Sementara\modul9\modul9\build\built-jar.properties
deps-jar:
Updating property file: D:\00_Sementara\modul9\modul9\build\built-jar.properties
Compiling 1 source file to D:\00_Sementara\modul9\modul9\build\classes
compile-single:
run-single:
Keliling Persegi = 48
Luas Persegi = 144
Keliling Persegi Panjang= 720
Luas Persegi Panjang = 360
Keliling Jajar Genjang = 64
Luas Jajar Genjang = 160
Keliling Segitiga = 50
Luas Segitiga = 25
Keliling Lingkaran = 42
Luas Lingkaran = 147
BUILD SUCCESSFUL (total time: 1 second)
Finished building modul9 (run-single).
16:42
INS

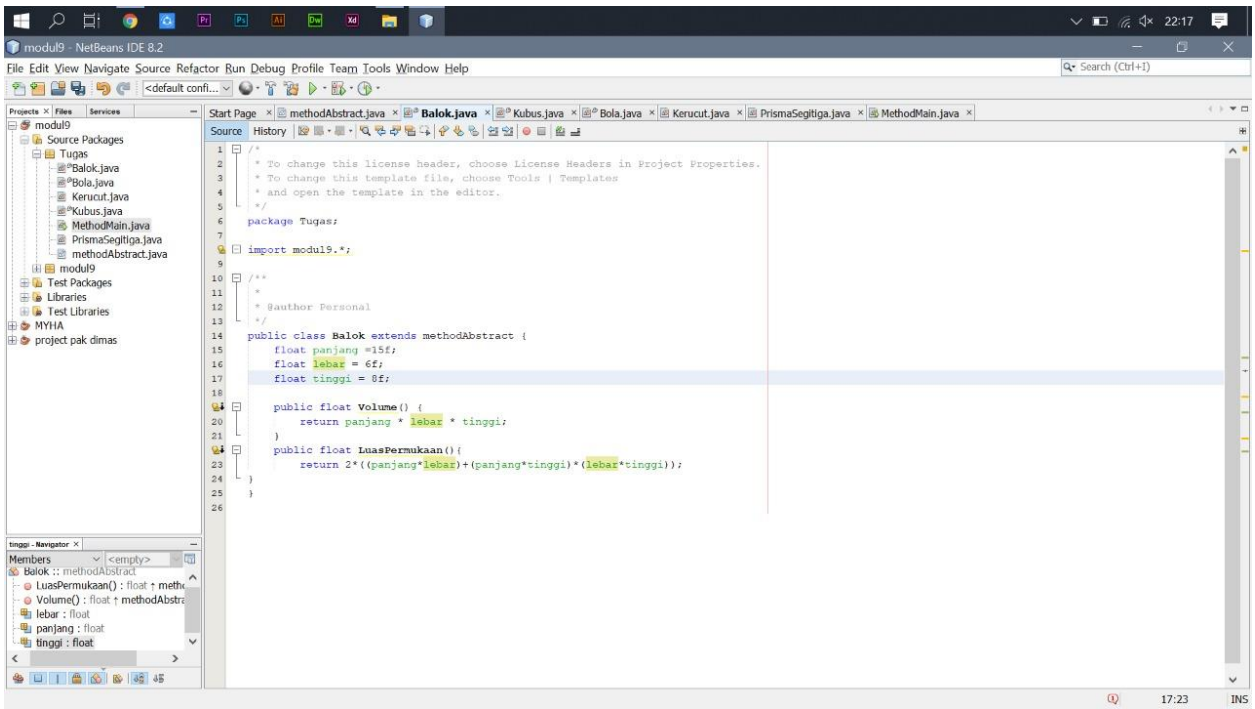
TUGAS

Kelas methodAbstract



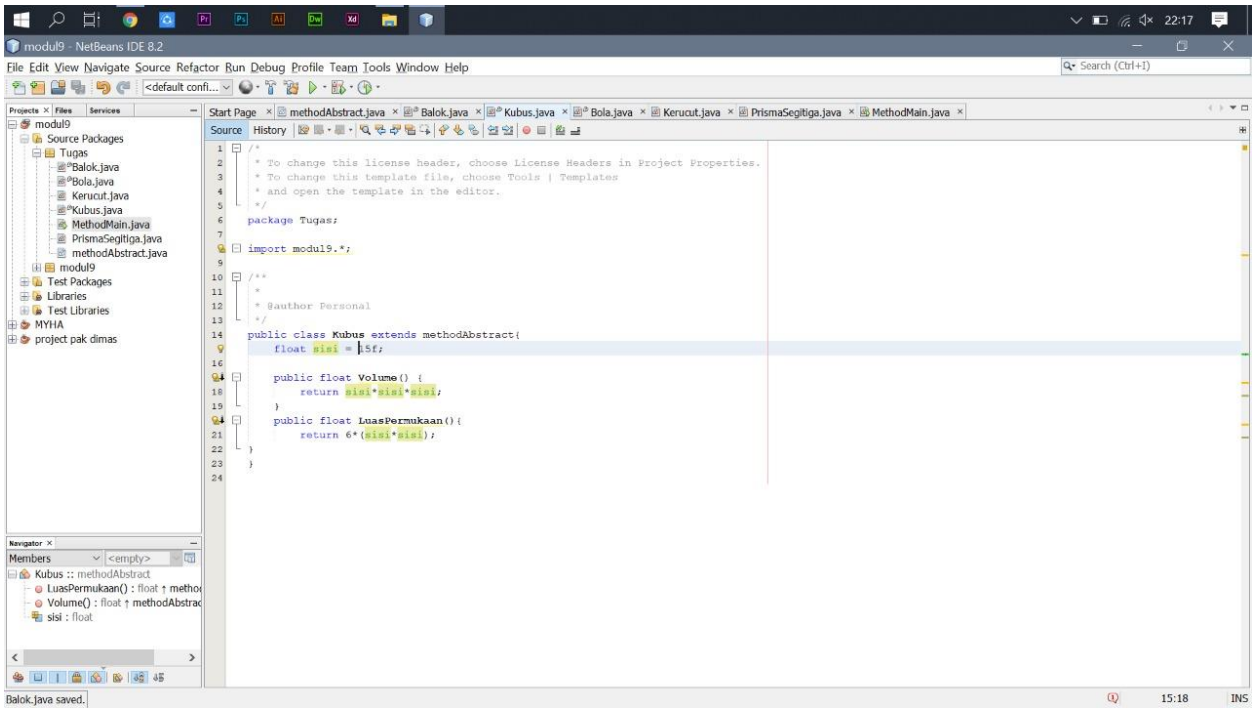
```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Tugas;

import modul9.*;

/**
 *
 * @author Personal
 */
abstract class methodAbstract {
    public abstract float LuasPermukaan();
    public abstract float Volume();

    public float getVolume(){
        return Volume();
    }
    public float getLuasPermukaan(){
        return LuasPermukaan();
    }
}
```

Kelas Balok

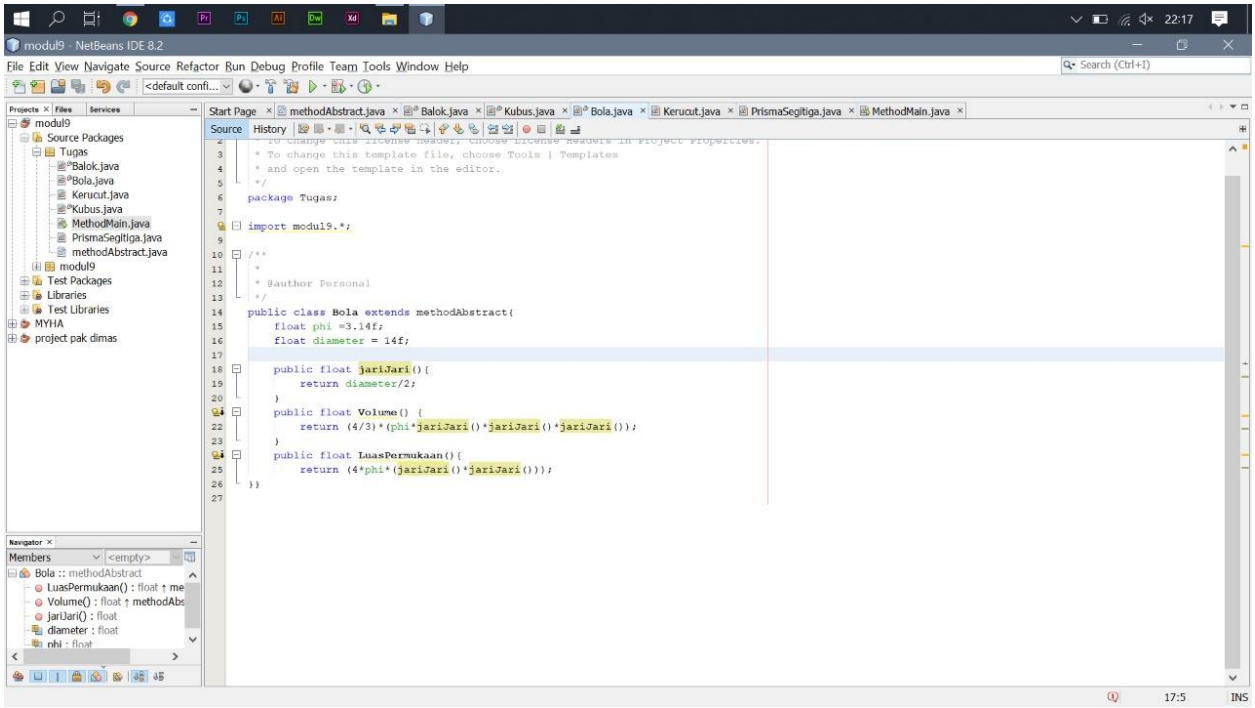


```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Tugas;

import modul9.*;

/**
 *
 * @author Personal
 */
public class Balok extends methodAbstract {
    float panjang =15f;
    float lebar = 6f;
    float tinggi = 8f;

    public float Volume() {
        return panjang * lebar * tinggi;
    }
    public float LuasPermukaan(){
        return 2*((panjang*lebar)+(panjang*tinggi)*(lebar*tinggi));
    }
}
```

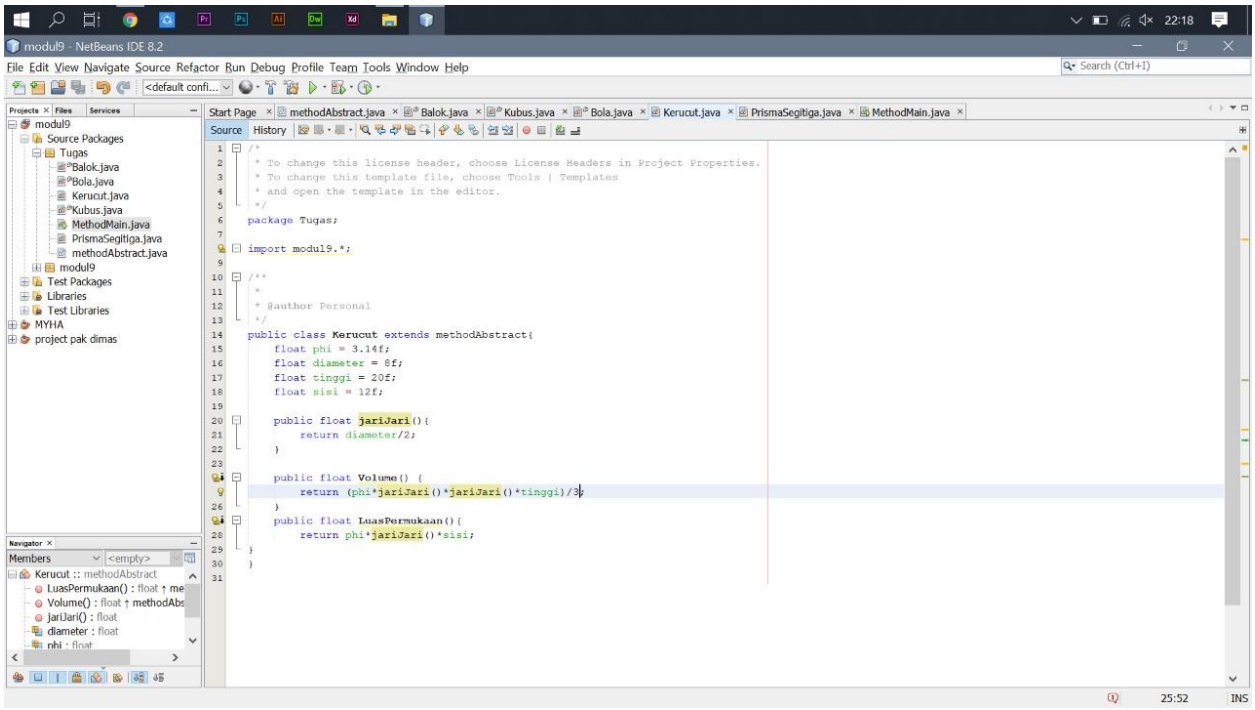
Kelas Kubus



Kelas Bola

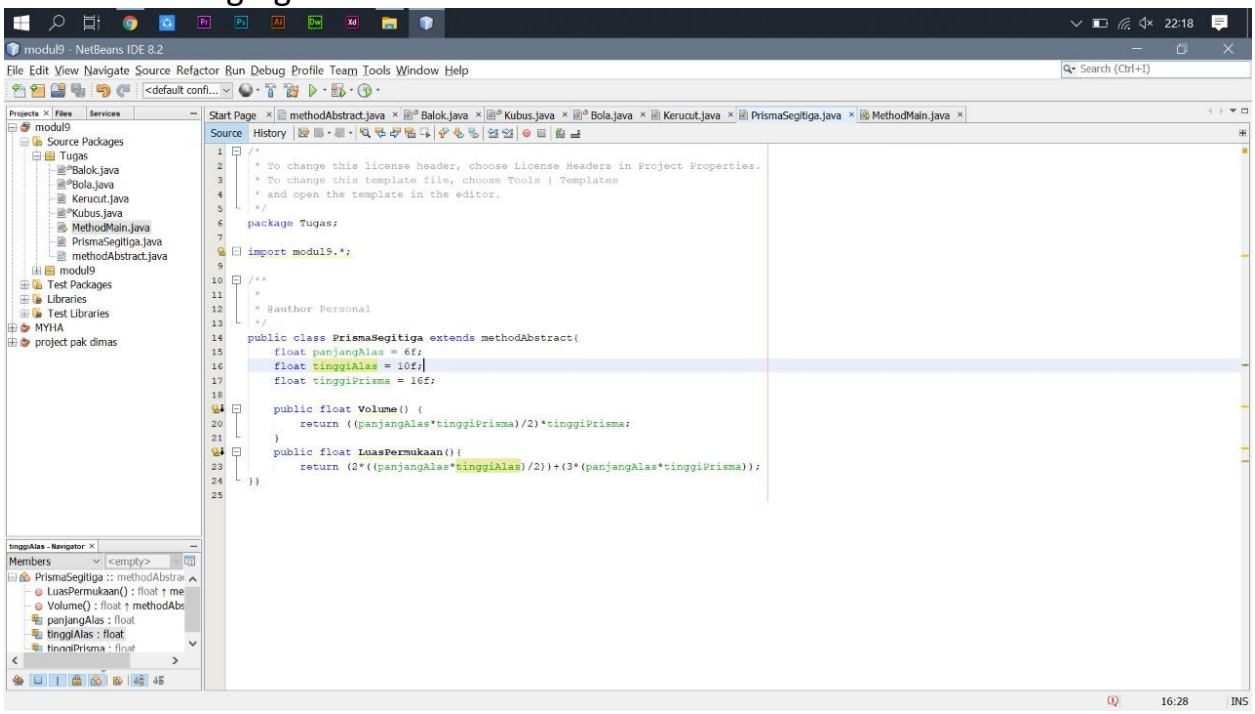


Kelas Kerucut



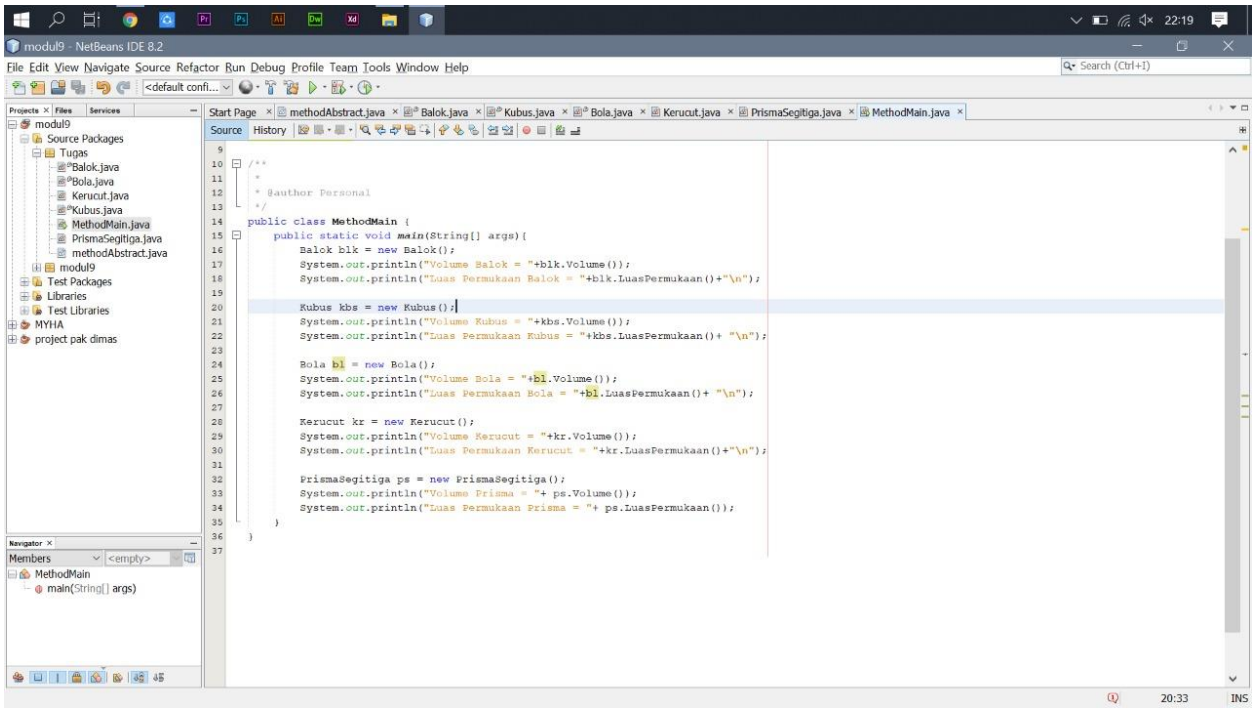
```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Tugas;

import modul9.*;

/**
 *
 * @author Personal
 */
public class Kerucut extends methodAbstract{
    float phi = 3.14f;
    float diameter = 8f;
    float tinggi = 20f;
    float sisi = 12f;

    public float jariJari(){
        return diameter/2;
    }

    public float Volume() {
        return (phi*jariJari()*jariJari()*tinggi)/3;
    }
    public float LuasPermukaan(){
        return phi*jariJari()*sisi;
    }
}
```

Kelas PrismaSegitiga



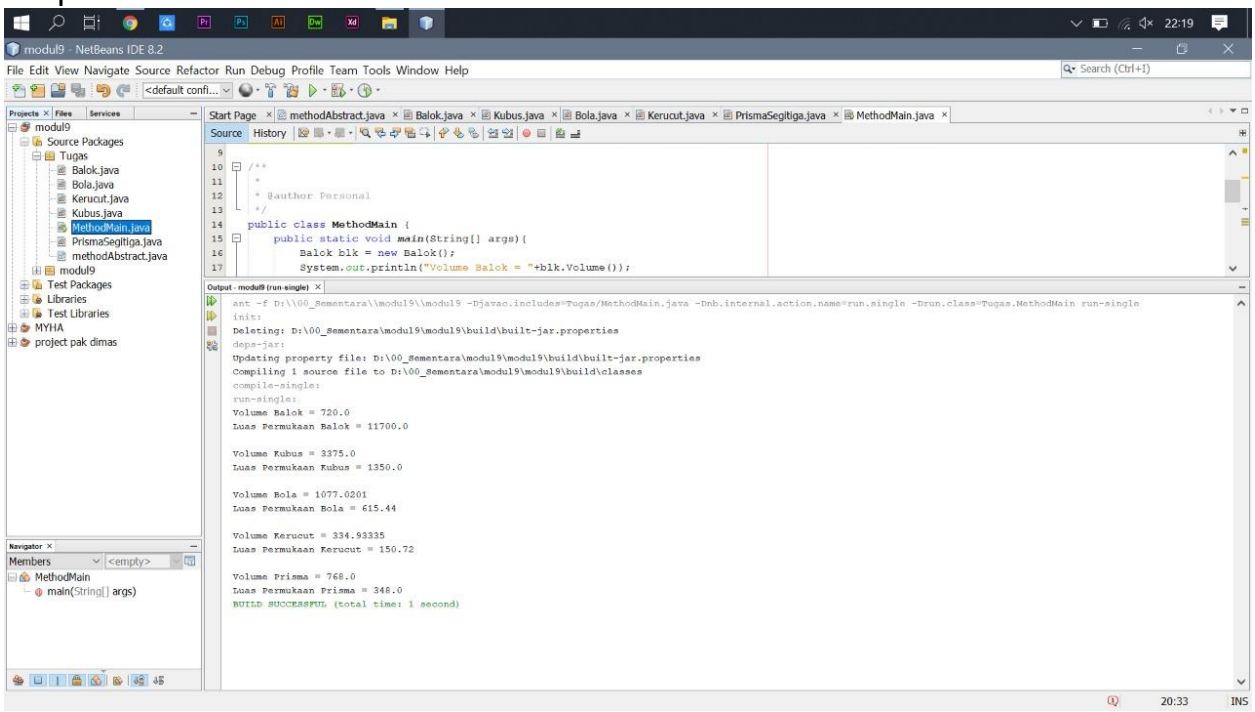
```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package Tugas;

import modul9.*;

/**
 *
 * @author Personal
 */
public class PrismaSegitiga extends methodAbstract{
    float panjangAlas = 6f;
    float tinggiAlas = 10f;
    float tinggiPrisma = 16f;

    public float Volume() {
        return ((panjangAlas*tinggiPrisma)/2)*tinggiPrisma;
    }
    public float LuasPermukaan(){
        return (2*((panjangAlas*tinggiAlas)/2))+(3*(panjangAlas*tinggiPrisma));
    }
}
```

Kelas MethodMain



```
/**
 *
 * @author Personal
 */
public class MethodMain {
    public static void main(String[] args){
        Balok blk = new Balok();
        System.out.println("Volume Balok = "+blk.Volume());
        System.out.println("Luas Permukaan Balok = "+blk.LuasPermukaan()+"\n");

        Kubus kbs = new Kubus();
        System.out.println("Volume Kubus = "+kbs.Volume());
        System.out.println("Luas Permukaan Kubus = "+kbs.LuasPermukaan()+ "\n");

        Bola bl = new Bola();
        System.out.println("Volume Bola = "+bl.Volume());
        System.out.println("Luas Permukaan Bola = "+bl.LuasPermukaan()+ "\n");

        Kerucut kr = new Kerucut();
        System.out.println("Volume Kerucut = "+kr.Volume());
        System.out.println("Luas Permukaan Kerucut = "+kr.LuasPermukaan()+"\n");

        PrismaSegitiga ps = new PrismaSegitiga();
        System.out.println("Volume Prisma = "+ ps.Volume());
        System.out.println("Luas Permukaan Prisma = "+ ps.LuasPermukaan());
    }
}
```

Output



```
ant -f D:\\00_Sementara\\modul9\\modul9 -Djavac.includes=Tugas/MethodMain.java -Dnb.internal.action.name=run.single -Drun.class=Tugas.MethodMain run-single
init:
Deleting: D:\00_Sementara\modul9\modul9\build\built-jar.properties
deps-jar:
Updating property file: D:\00_Sementara\modul9\modul9\build\built-jar.properties
Compiling 1 source file to D:\00_Sementara\modul9\modul9\build\classes
compile-single:
run-single:
Volume Balok = 720.0
Luas Permukaan Balok = 11700.0

Volume Kubus = 3375.0
Luas Permukaan Kubus = 1350.0

Volume Bola = 1077.0201
Luas Permukaan Bola = 615.44

Volume Kerucut = 334.93335
Luas Permukaan Kerucut = 150.72

Volume Prisma = 768.0
Luas Permukaan Prisma = 348.0
BUILD SUCCESSFUL (total time: 1 second)
```