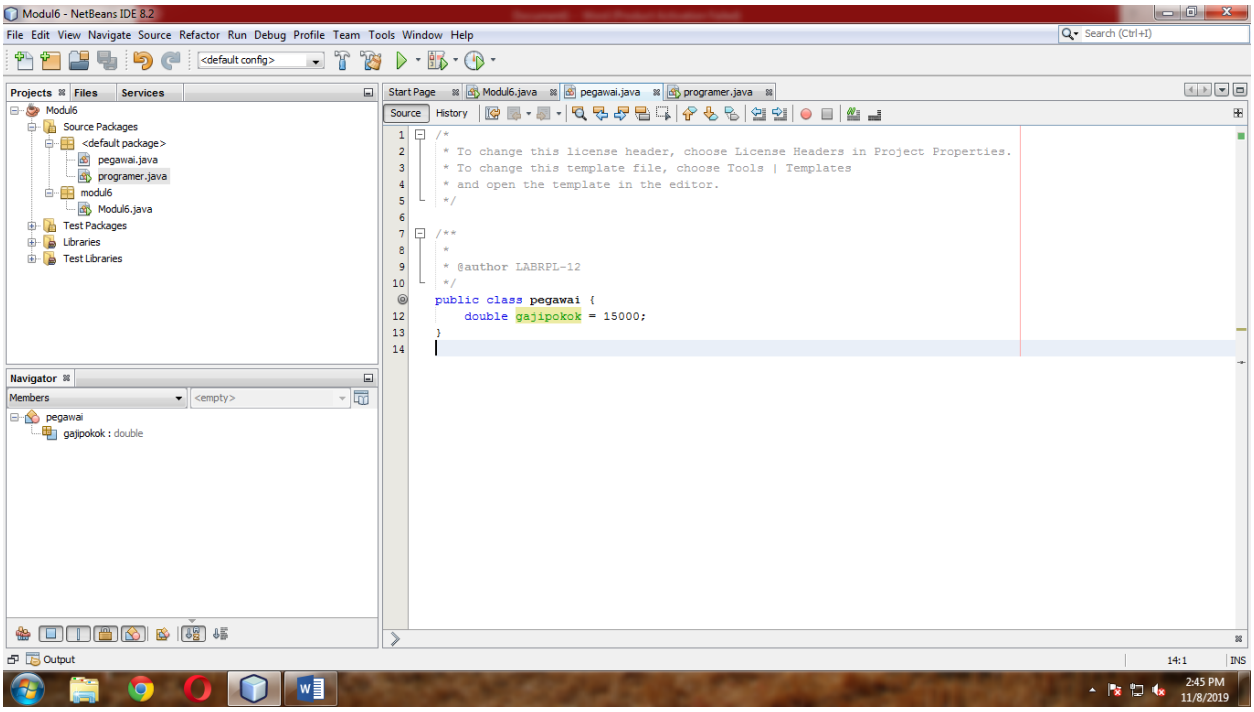
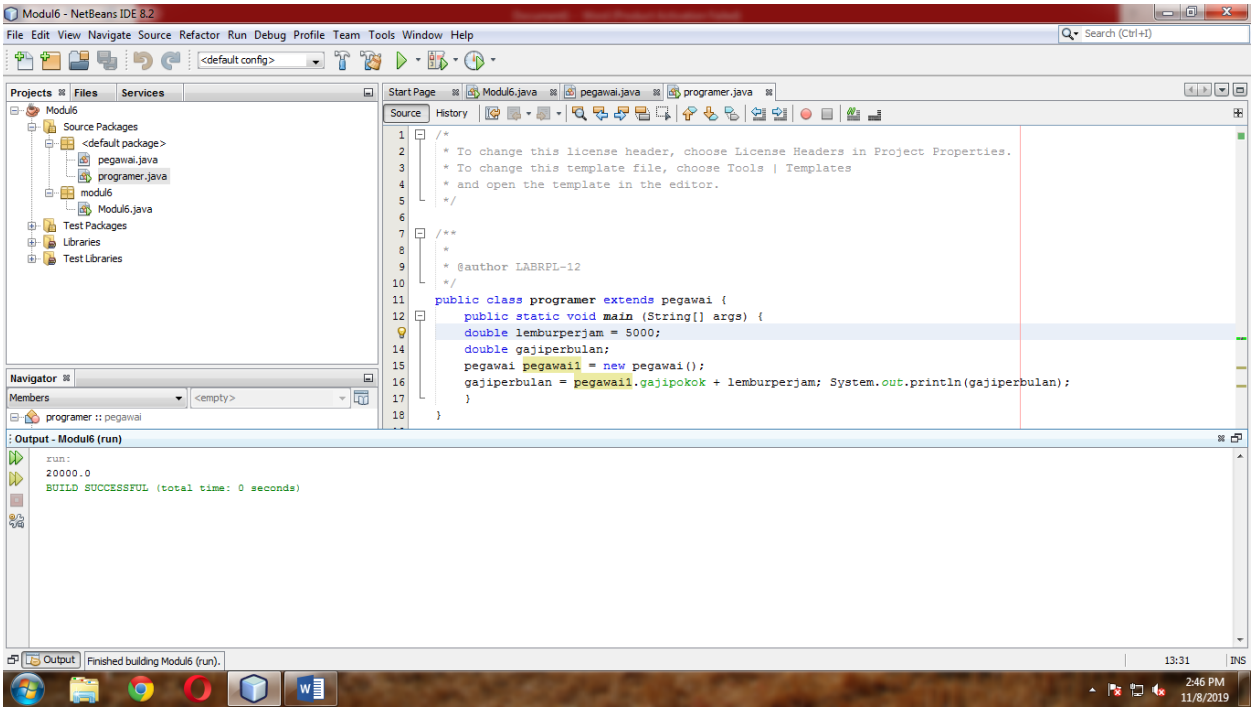
Nama : Sindhiana Aulia Friska

Kelas : B

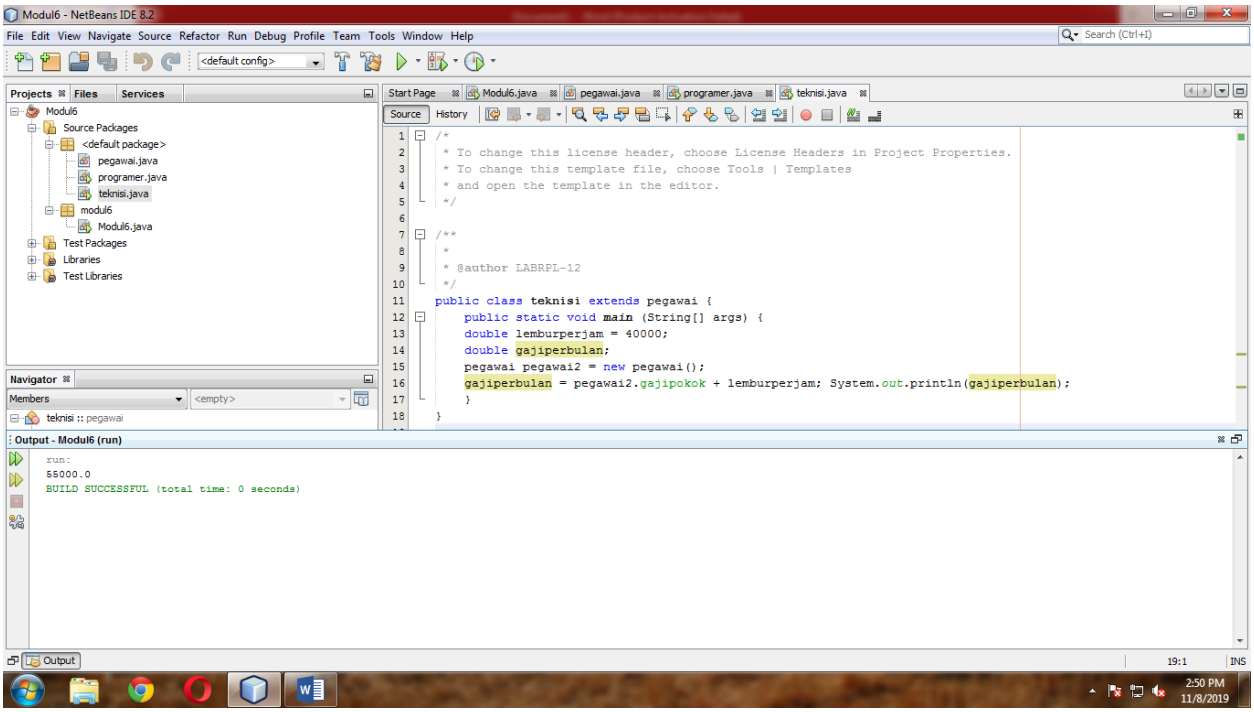
Nim : L200180084

6.1.1 Single Inheritance

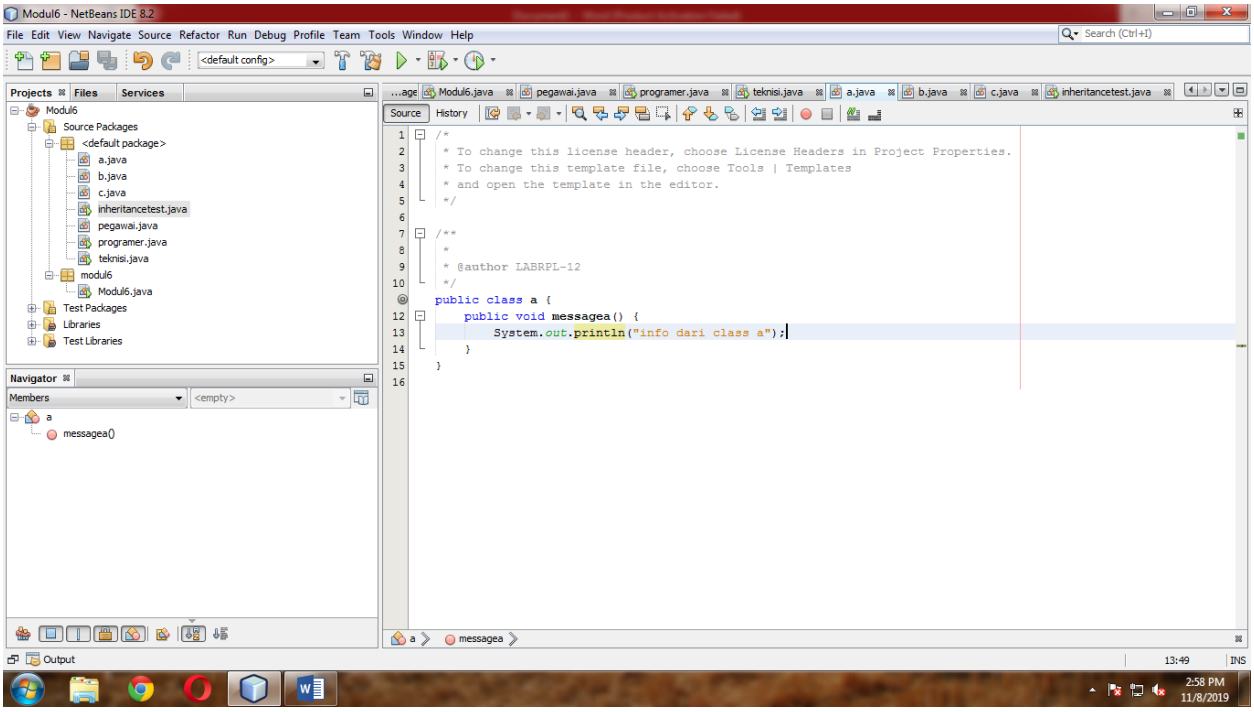


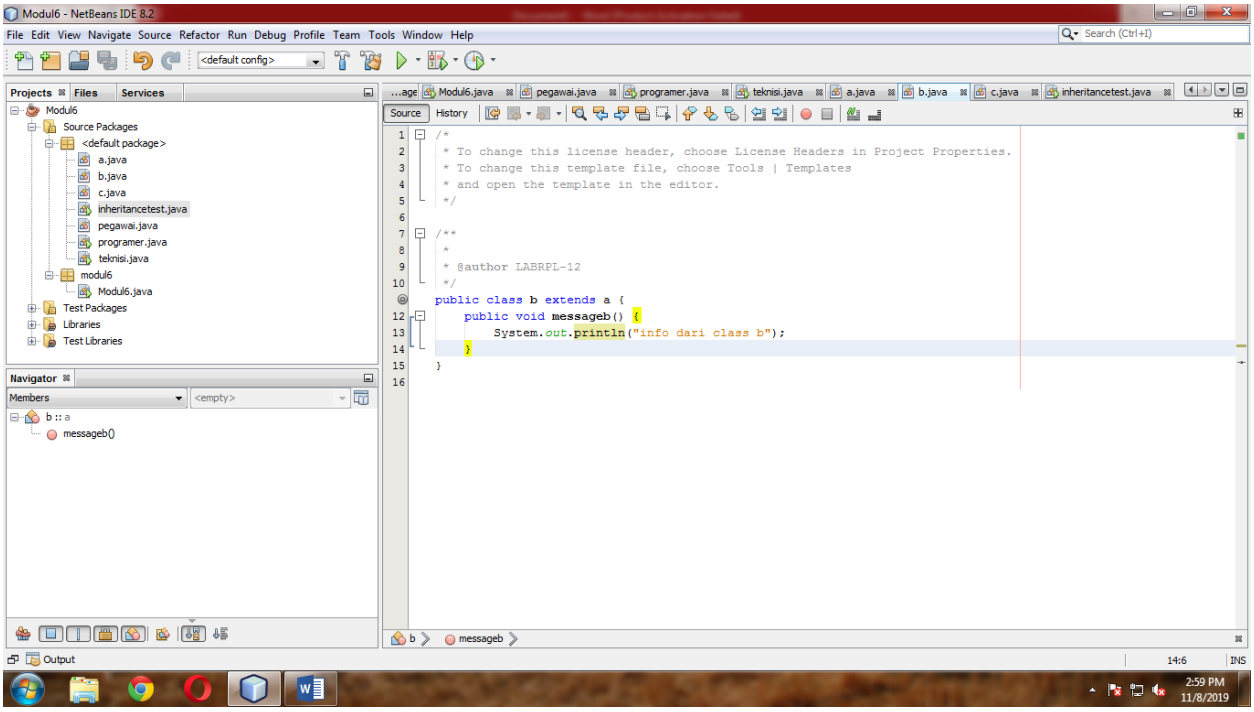


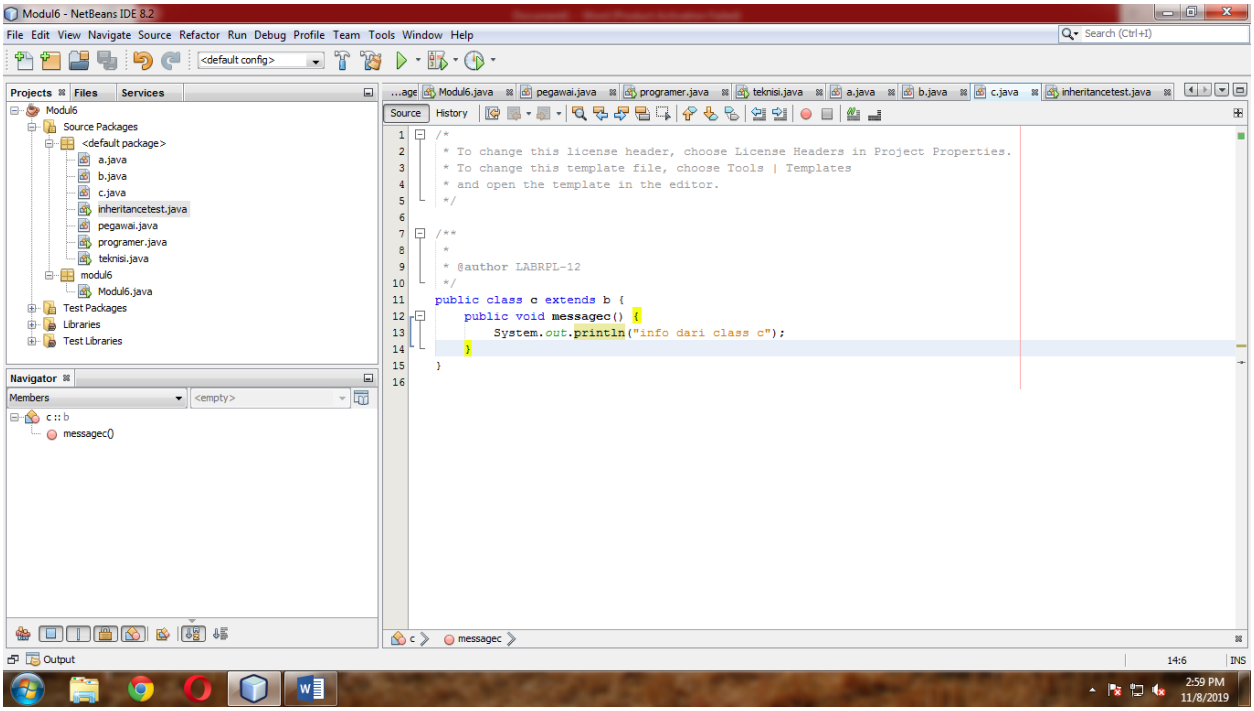
6.1.2. Hierarchical Inheritance

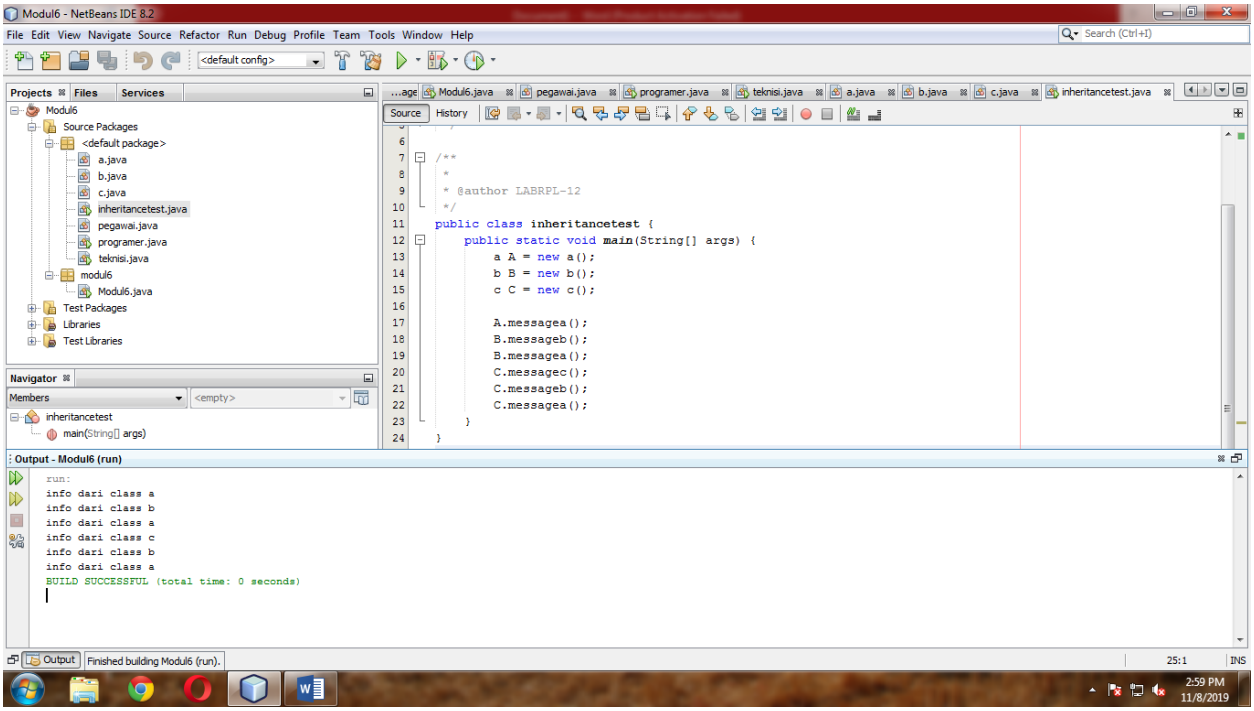


6.1.3. Multilevel Inheritance

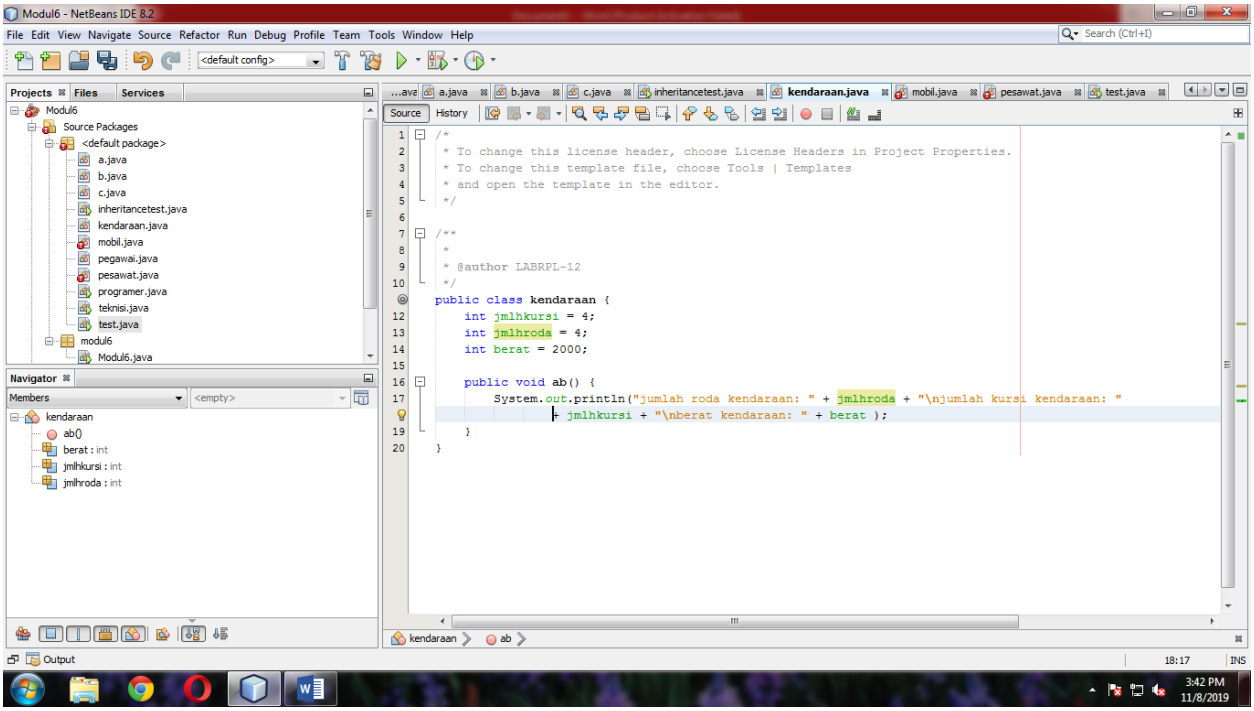


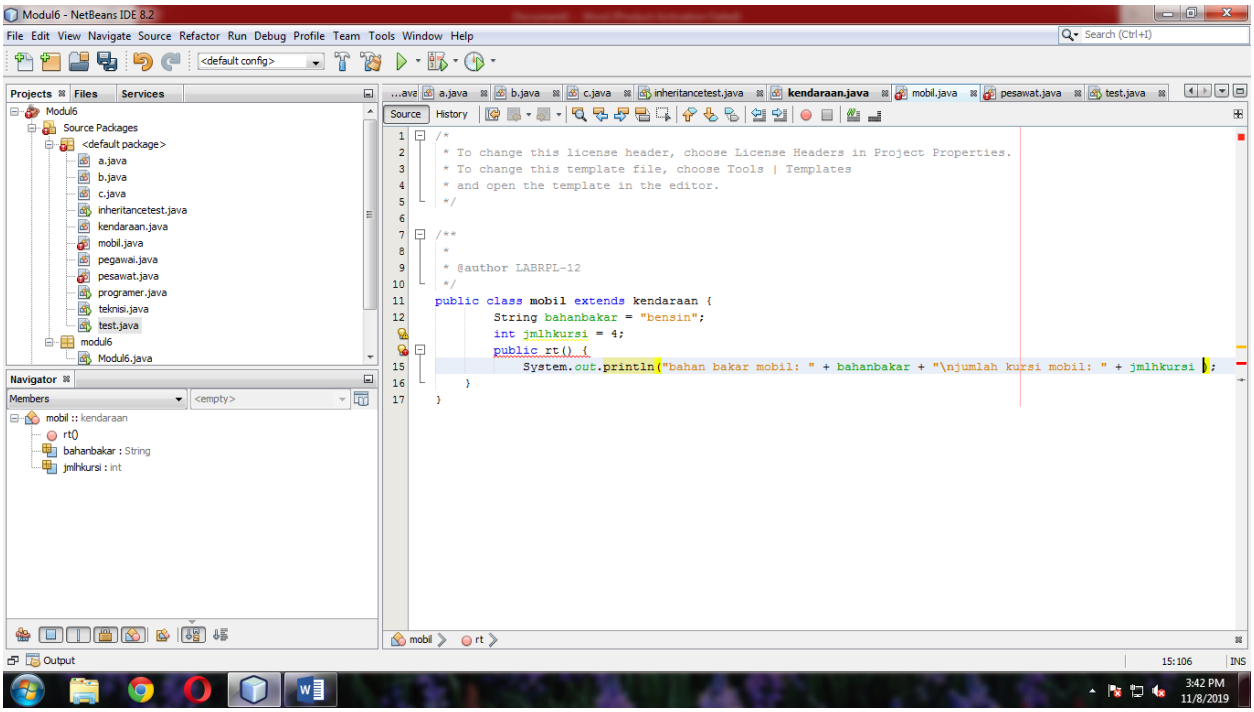


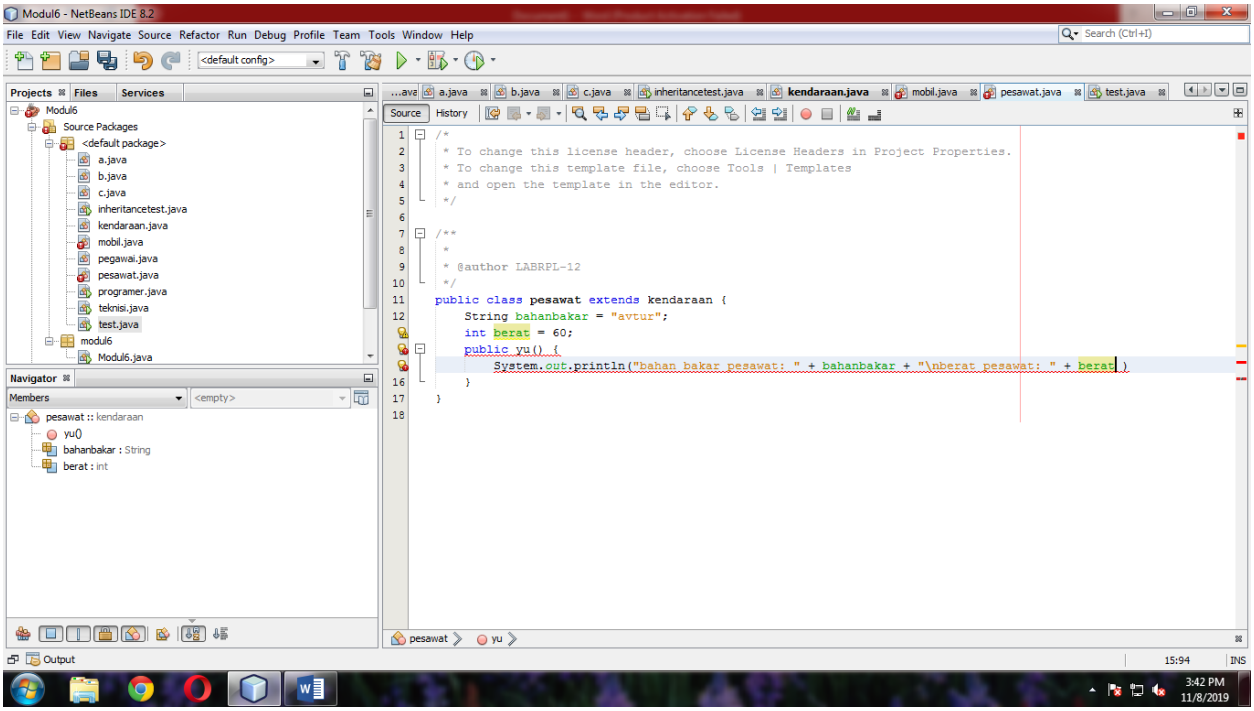

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
pegawai.java
programer.java
teknisi.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
Navigator
Members
<empty>
c :: b
messagec()
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.
*/
/**
*
* @author LABRPL-12
*/
public class c extends b {
public void messagec() {
System.out.println("info dari class c");
}
}
Output
14:6
INS
2:59 PM
11/8/2019

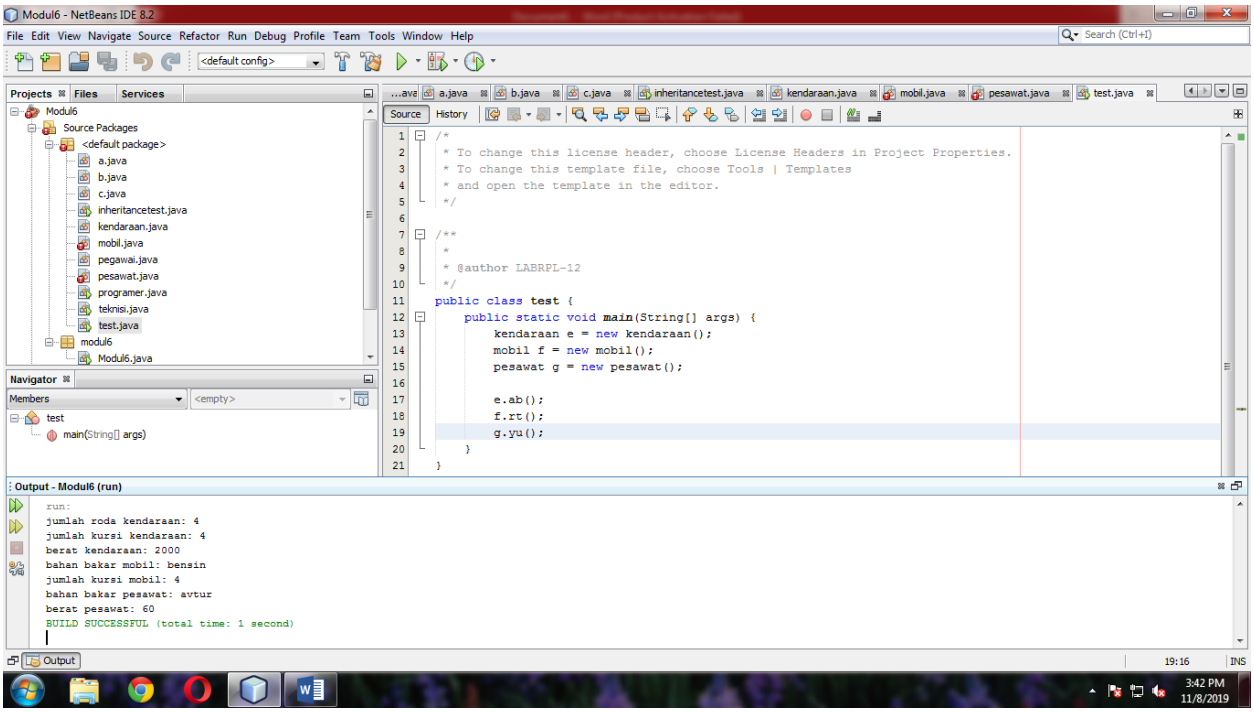

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
pegawai.java
programer.java
teknisi.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
Navigator
Members
<empty>
inheritancetest
main(String[] args)
Source History
/**
*
* @author LABRPL-12
*/
public class inheritancetest {
public static void main(String[] args) {
a A = new a();
b B = new b();
c C = new c();
A.messagea();
B.messageb();
B.messagea();
C.messagec();
C.messageb();
C.messagea();
}
}
Output - Modul6 (run)
run:
info dari class a
info dari class b
info dari class a
info dari class c
info dari class b
info dari class a
BUILD SUCCESSFUL (total time: 0 seconds)
Output
Finished building Modul6 (run).
25:1
INS
2:59 PM
11/8/2019

6.2. LATIHAN

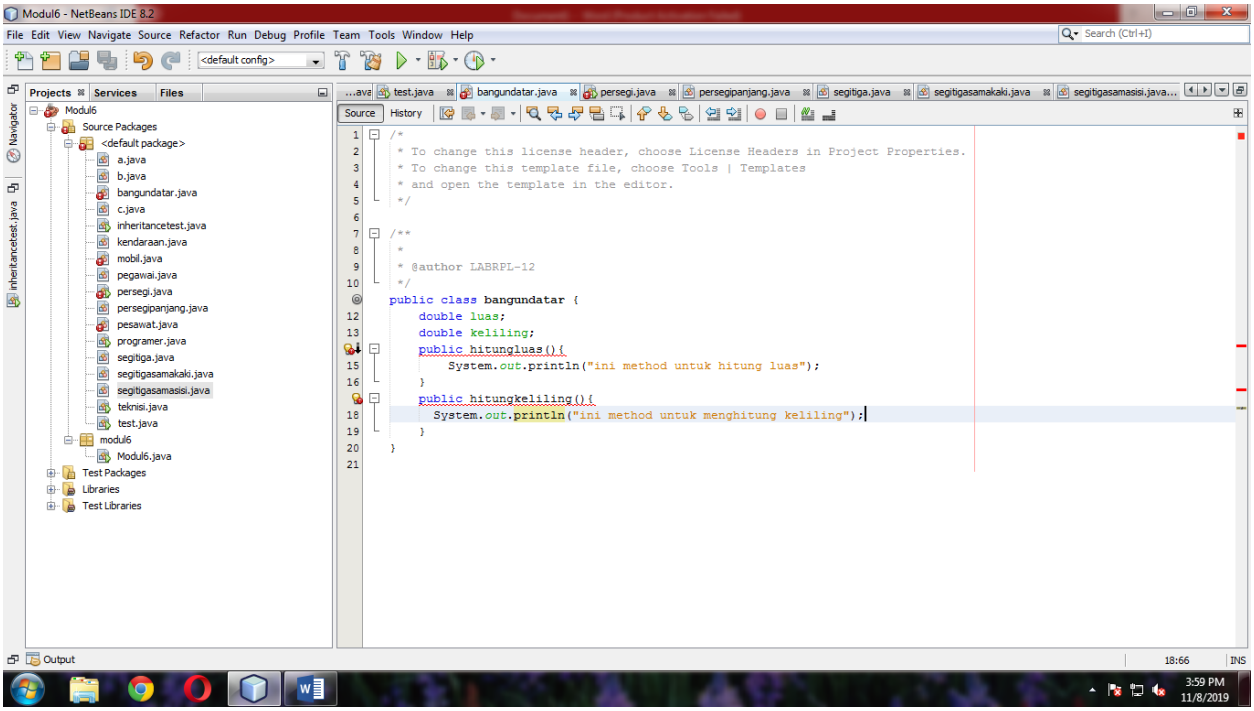

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
pesawat.java
programer.java
teknisi.java
test.java
modul6
Modul6.java
Navigator
Members
kendaraan
ab()
berat : int
jmlhkursi : int
jmlhroda : int
Source History
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6
7 /**
8 *
9 * @author LABRPL-12
10 */
11 public class kendaraan {
12 int jmlhkursi = 4;
13 int jmlhroda = 4;
14 int berat = 2000;
15
16 public void ab() {
17 System.out.println("jumlah roda kendaraan: " + jmlhroda + "\njumlah kursi kendaraan: "
18 + jmlhkursi + "\nberat kendaraan: " + berat);
19 }
20 }
kendaraan ab
Output
18:17 INS
3:42 PM
11/8/2019

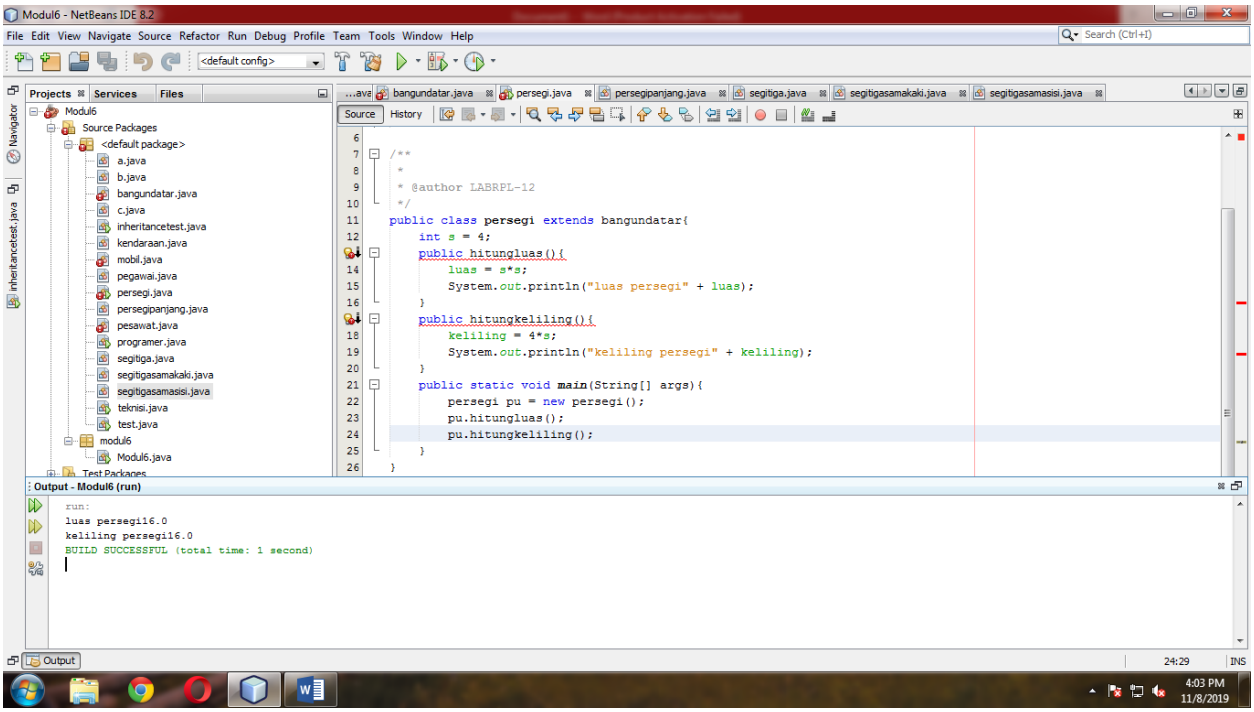

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
pesawat.java
programer.java
teknisi.java
test.java
modul6
Modul6.java
Navigator
Members
mobil :: kendaraan
rt()
bahanbakar : String
jmlhkursi : int
Source History
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6
7 /**
8 *
9 * @author LABRPL-12
10 */
11 public class mobil extends kendaraan {
12 String bahanbakar = "bensin";
13 int jmlhkursi = 4;
14 public rt() {
15 System.out.println("bahan bakar mobil: " + bahanbakar + "\njumlah kursi mobil: " + jmlhkursi);
16 }
17 }
mobil rt
Output
15:106 INS
3:42 PM
11/8/2019

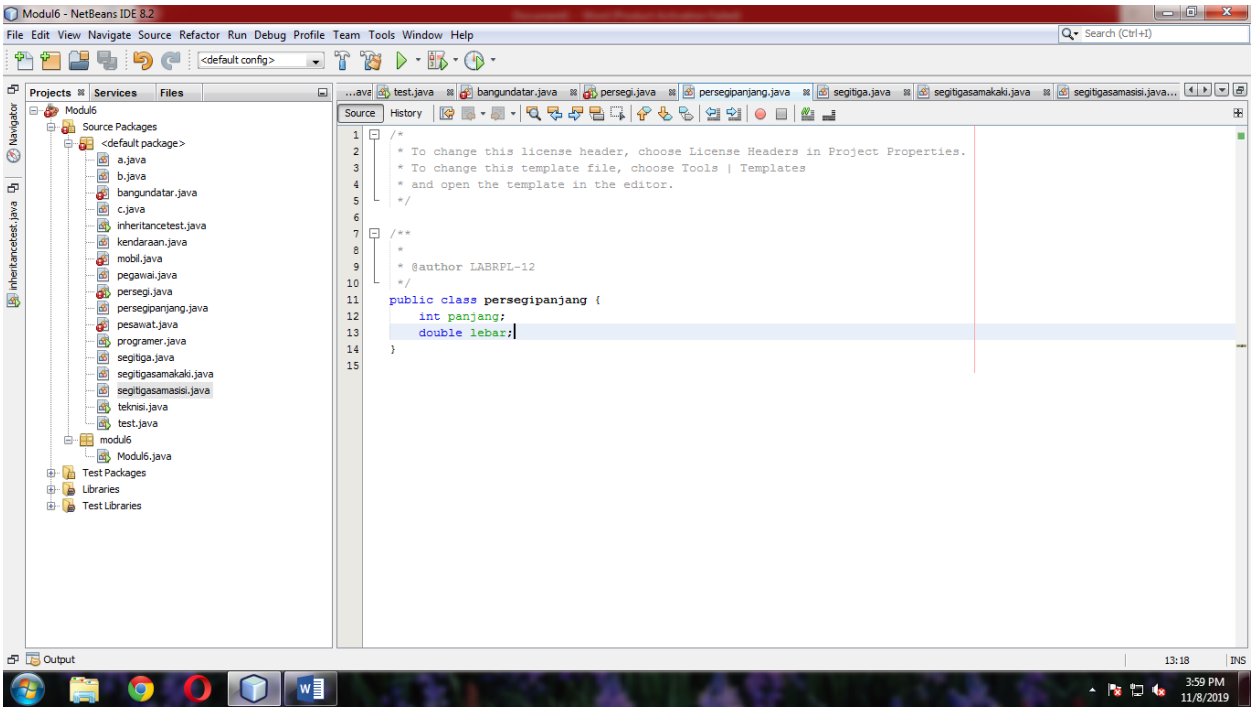

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
pesawat.java
programer.java
teknisi.java
test.java
modul6
Modul6.java
Navigator
Members
pesawat :: kendaraan
yu()
bahanbakar : String
berat : int
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.
*/
/**
*
* @author LABRPL-12
*/
public class pesawat extends kendaraan {
String bahanbakar = "avtur";
int berat = 60;
public yu() {
System.out.println("bahan bakar pesawat: " + bahanbakar + "\nberat pesawat: " + berat);
}
}
pesawat yu
Output
15:94
INS
3:42 PM
11/8/2019

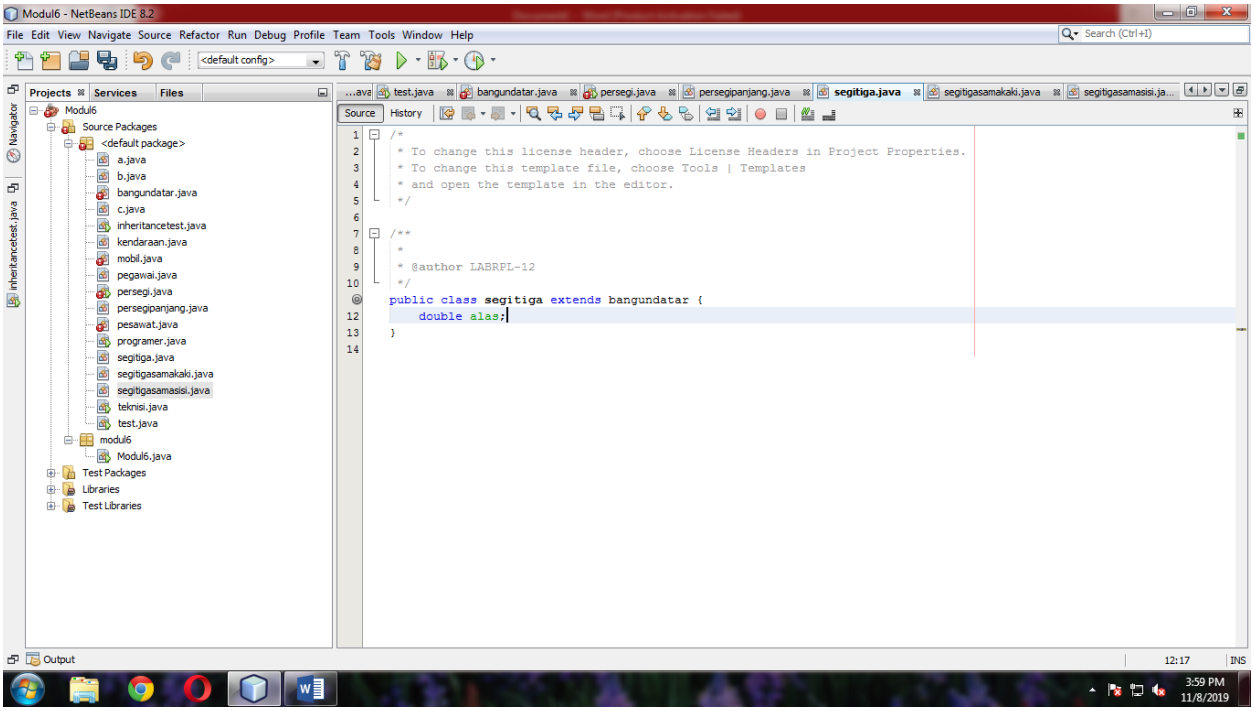

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Files Services
Modul6
Source Packages
<default package>
a.java
b.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
pesawat.java
programer.java
teknisi.java
test.java
modul6
Modul6.java
Navigator
Members
test
main(String[] args)
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.
*/
/**
*
* @author LABRPL-12
*/
public class test {
public static void main(String[] args) {
kendaraan e = new kendaraan();
mobil f = new mobil();
pesawat g = new pesawat();
e.ab();
f.rt();
g.yu();
}
}
Output - Modul6 (run)
run:
jumlah roda kendaraan: 4
jumlah kursi kendaraan: 4
berat kendaraan: 2000
bahan bakar mobil: bensin
jumlah kursi mobil: 4
bahan bakar pesawat: avtur
berat pesawat: 60
BUILD SUCCESSFUL (total time: 1 second)
Output
19:16
INS
3:42 PM
11/8/2019

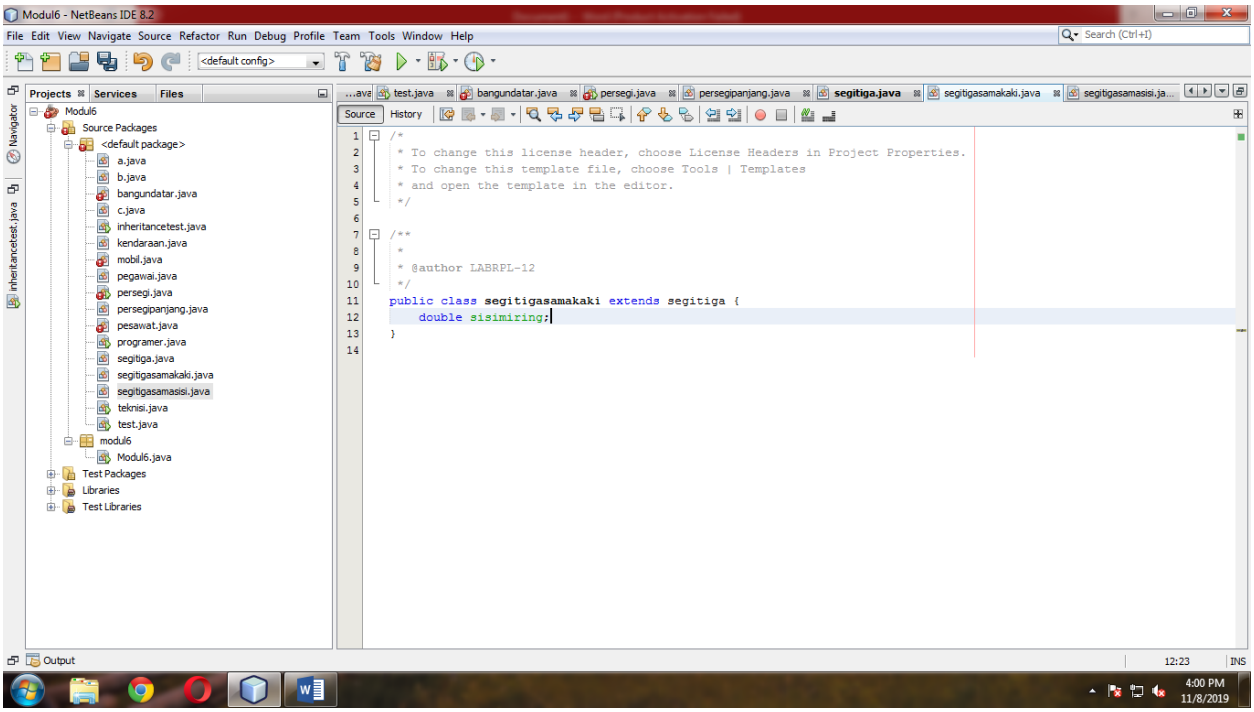
TUGAS

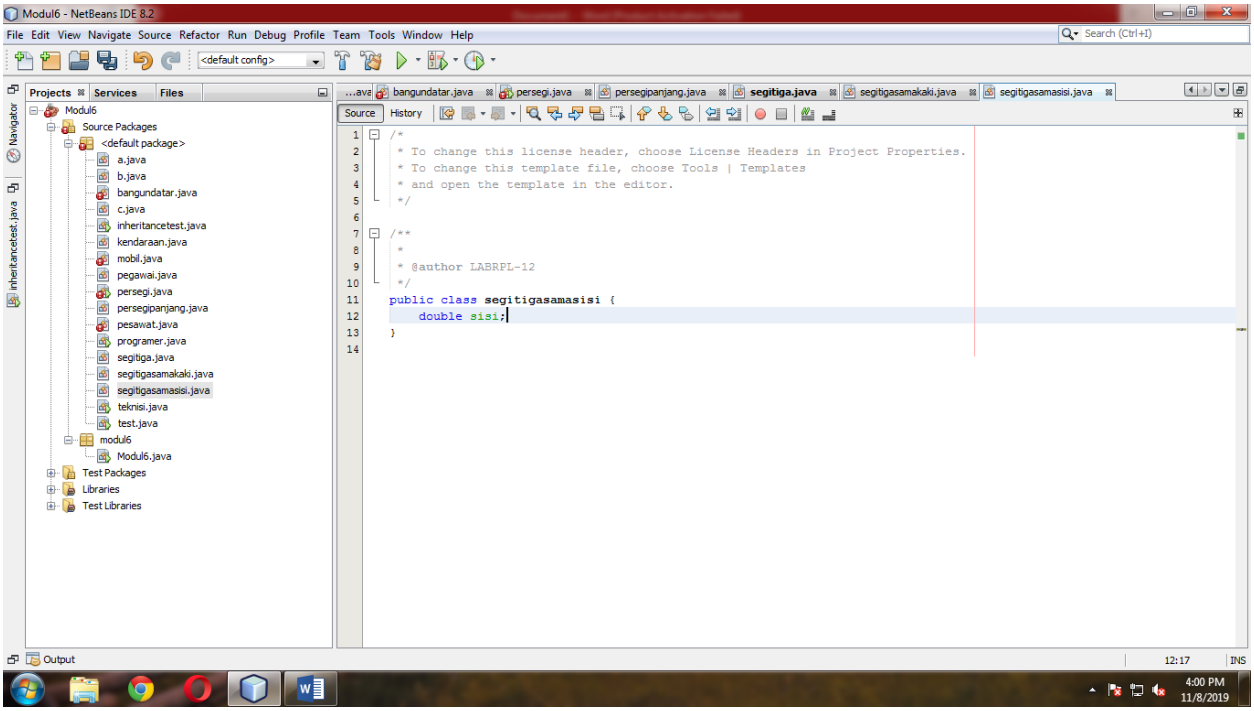

Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Services Files
Modul6
Source Packages
<default package>
a.java
b.java
bangundatar.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
persegi.java
persegipanjang.java
pesawat.java
programer.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.java
teknisi.java
test.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
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.
*/
/**
*
* @author LABRPL-12
*/
public class bangundatar {
double luas;
double keliling;
public hitungluas(){
System.out.println("ini method untuk hitung luas");
}
public hitungkeliling(){
System.out.println("ini method untuk menghitung keliling");
}
}
Output
18:66
INS
3:59 PM
11/8/2019


Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Projects Services Files
Source History
/**
*
* @author LABRPL-12
*/
public class persegi extends bangundatar{
int s = 4;
public hitungluas(){
luas = s*s;
System.out.println("luas persegi" + luas);
}
public hitungkeliling(){
keliling = 4*s;
System.out.println("keliling persegi" + keliling);
}
public static void main(String[] args){
persegi pu = new persegi();
pu.hitungluas();
pu.hitungkeliling();
}
}
Output - Modul6 (run)
run:
luas persegi16.0
keliling persegi16.0
BUILD SUCCESSFUL (total time: 1 second)
Output
24:29
INS
4:03 PM
11/8/2019


Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Projects Services Files
Modul6
Source Packages
<default package>
a.java
b.java
bangundatar.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
persegi.java
persegipanjang.java
pesawat.java
programer.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.java
teknisi.java
test.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
test.java
bangundatar.java
persegi.java
persegipanjang.java
segitiga.java
segitigasamakaki.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.
*/
/**
*
* @author LABRPL-12
*/
public class persegipanjang {
int panjang;
double lebar;
}
Output
13:18
INS
3:59 PM
11/8/2019


Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Projects Services Files
Modul6
Source Packages
<default package>
a.java
b.java
bangundatar.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
persegi.java
persegipanjang.java
pesawat.java
programer.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.java
teknisi.java
test.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
test.java
bangundatar.java
persegi.java
persegipanjang.java
segitiga.java
segitigasamakaki.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.
*/
/**
*
* @author LABRPL-12
*/
public class segitiga extends bangundatar {
double alas;
}
Output
12:17
INS
3:59 PM
11/8/2019


Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Projects Services Files
Modul6
Source Packages
<default package>
a.java
b.java
bangundatar.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
persegi.java
persegipanjang.java
pesawat.java
programer.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.java
teknisi.java
test.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
test.java
bangundatar.java
persegi.java
persegipanjang.java
segitiga.java
segitigasamakaki.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.
*/
/**
*
* @author LABRPL-12
*/
public class segitigasamakaki extends segitiga {
double sisimiring;
}
Output
12:23
INS
4:00 PM
11/8/2019


Modul6 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Projects
Services
Files
Modul6
Source Packages
<default package>
a.java
b.java
bangundatar.java
c.java
inheritancetest.java
kendaraan.java
mobil.java
pegawai.java
persegi.java
persegipanjang.java
pesawat.java
programer.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.java
teknisi.java
test.java
modul6
Modul6.java
Test Packages
Libraries
Test Libraries
bangundatar.java
persegi.java
persegipanjang.java
segitiga.java
segitigasamakaki.java
segitigasamasisi.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.
*/
/**
*
* @author LABRPL-12
*/
public class segitigasamasisi {
double sisi;
}
Output
12:17
INS
4:00 PM
11/8/2019