PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK

Disusun Oleh :

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PROGRAM STUDI TEKNIK INFORMATIKA

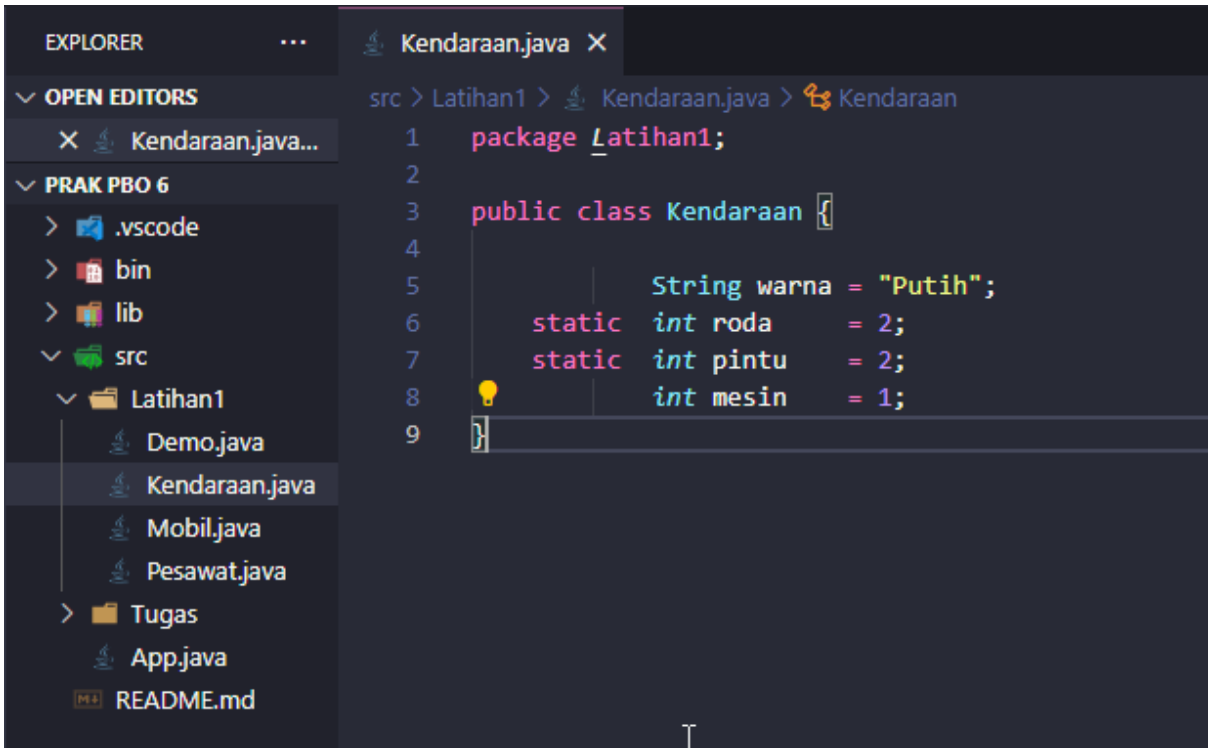
FAKULTAS KOMUNIKASI DAN INFORMATIKA

UNIVERSITAS MUHAMMADIYAH SURAKARTA

TAHUN 2022/2023

6.2. LATIHAN

1.



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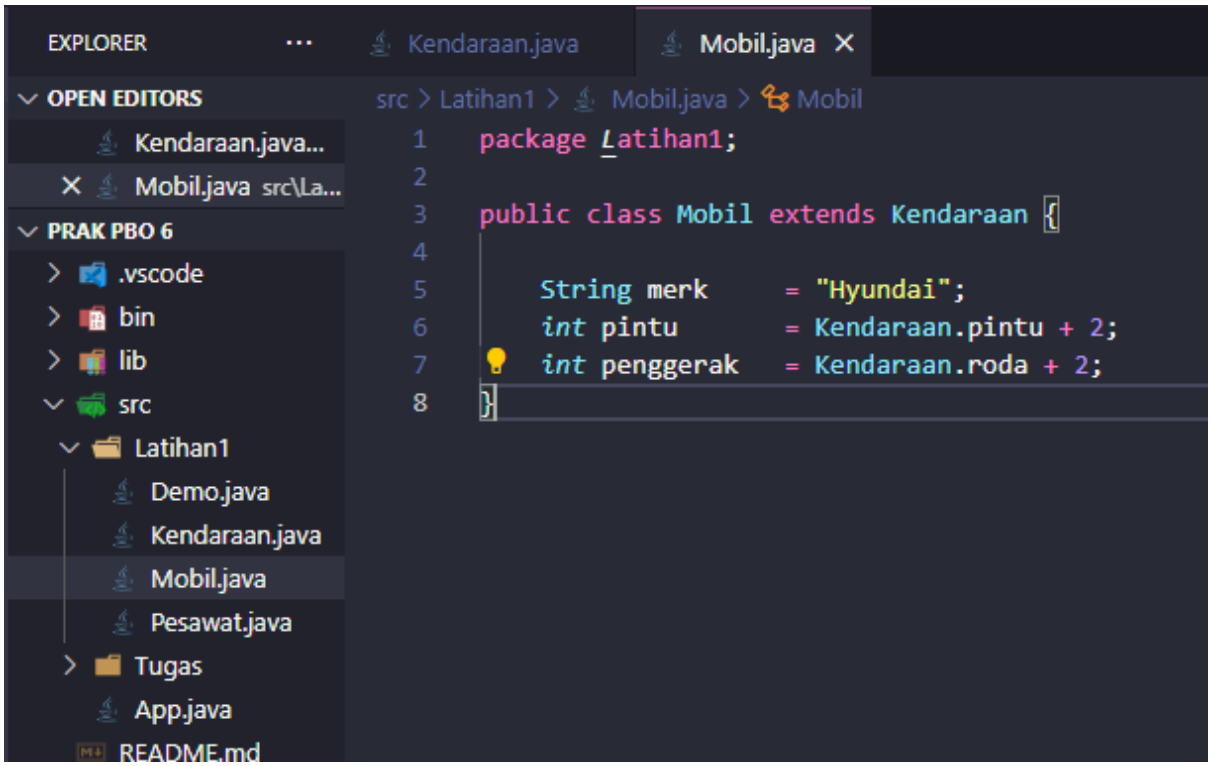
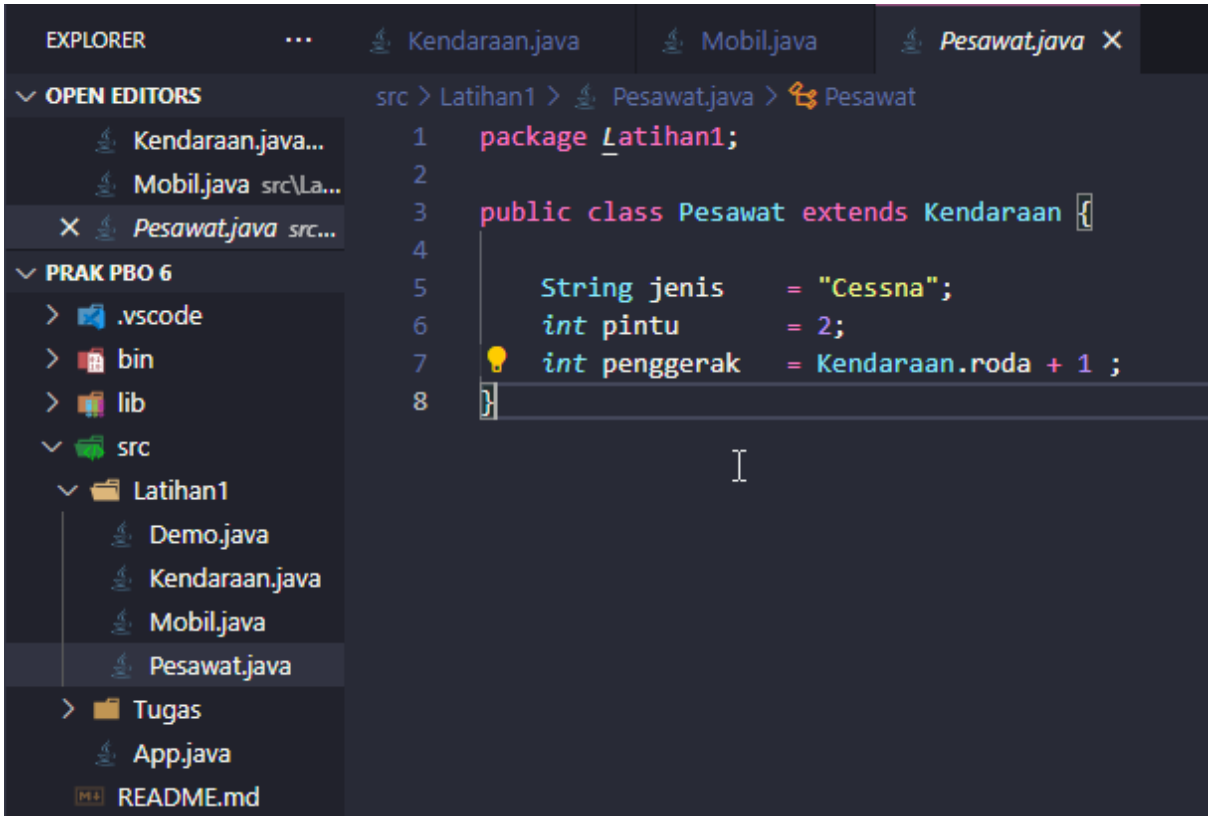
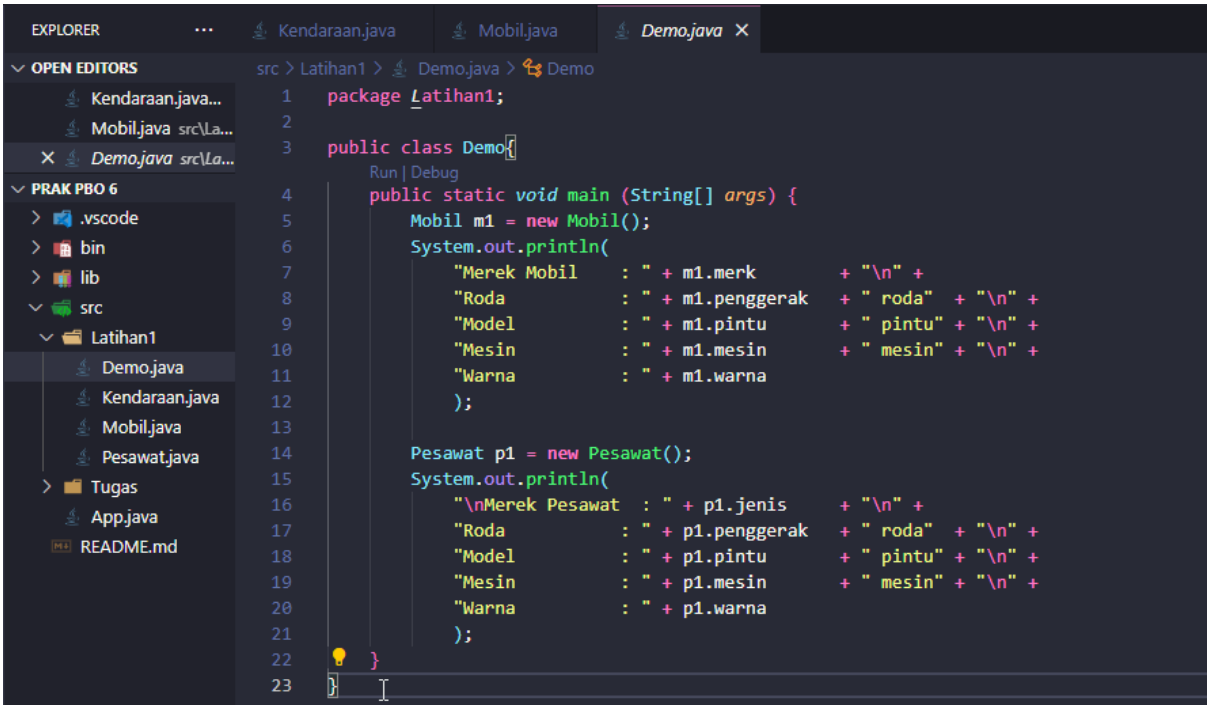


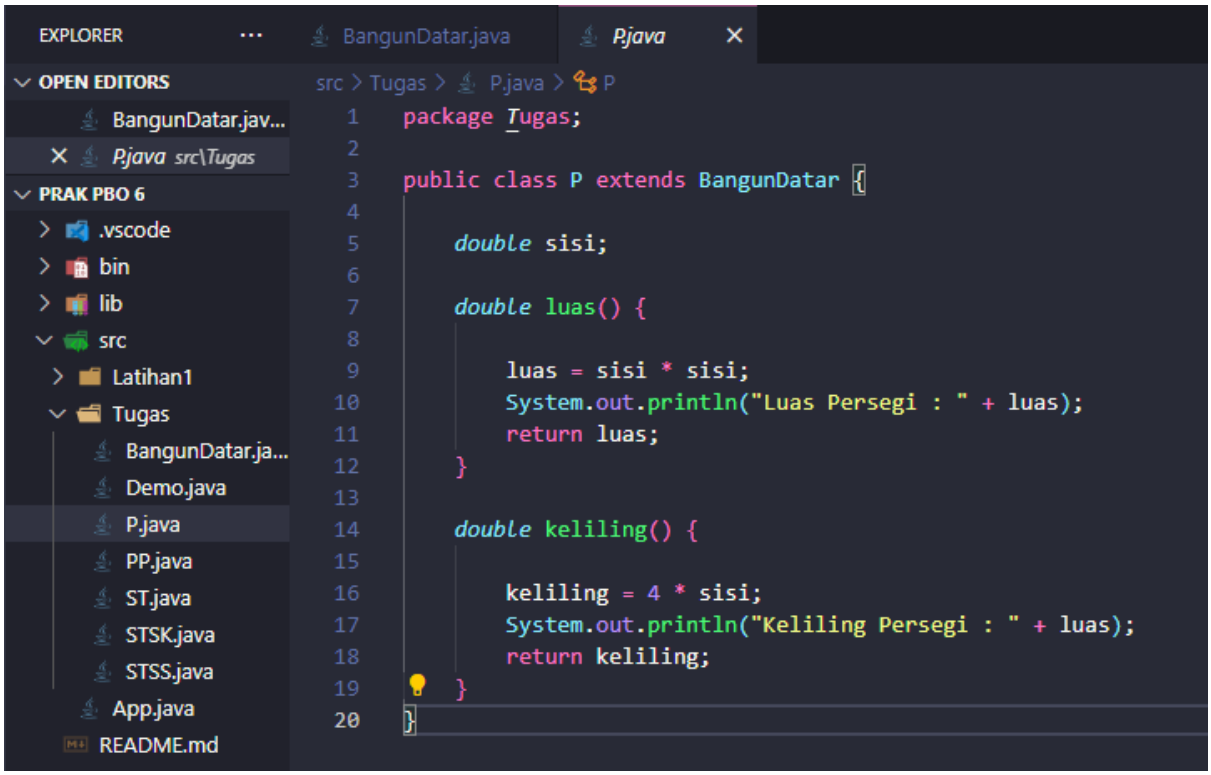

EXPLORER
Kendaraan.java
Mobil.java
Pesawat.java
OPEN EDITORS
Kendaraan.java...
Mobil.java src\La...
Pesawat.java src...
PRAK PBO 6
.vscode
bin
lib
src
Latihan1
Demo.java
Kendaraan.java
Mobil.java
Pesawat.java
Tugas
App.java
README.md
src > Latihan1 > Pesawat.java > Pesawat
1 package Latihan1;
2
3 public class Pesawat extends Kendaraan {
4
5 String jenis = "Cessna";
6 int pintu = 2;
7 int penggerak = Kendaraan.roda + 1 ;
8 }

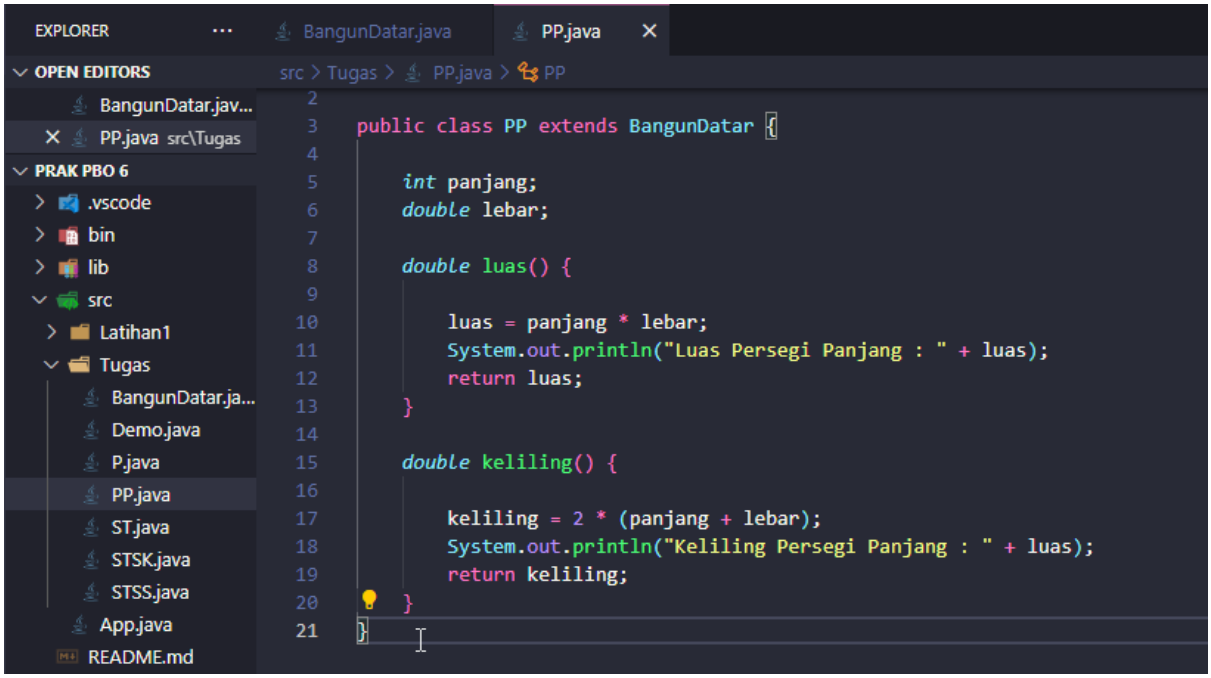
3.

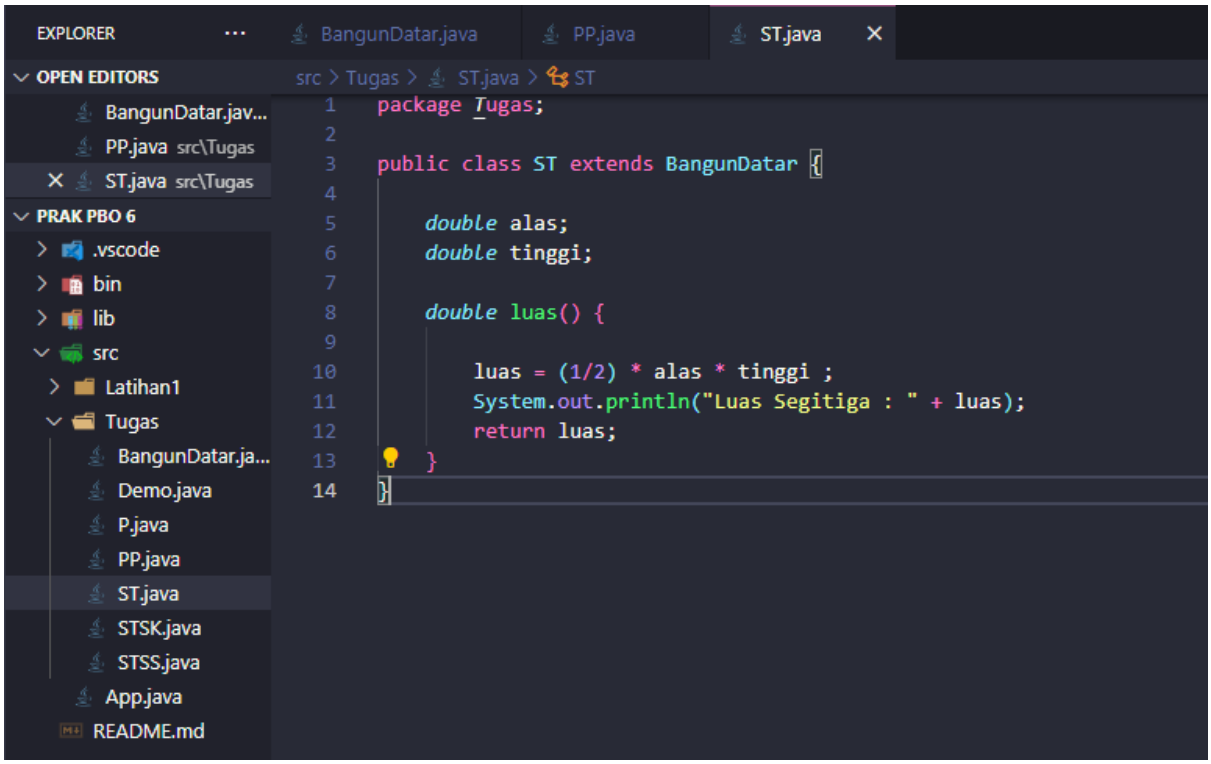

EXPLORER
Kendaraan.java
Mobil.java
Demo.java
OPEN EDITORS
Kendaraan.java...
Mobil.java src\La...
Demo.java src\La...
PRAK PBO 6
.vscode
bin
lib
src
Latihan1
Demo.java
Kendaraan.java
Mobil.java
Pesawat.java
Tugas
App.java
README.md
src > Latihan1 > Demo.java > Demo
1 package Latihan1;
2
3 public class Demo{
Run | Debug
4 public static void main (String[] args) {
5 Mobil m1 = new Mobil();
6 System.out.println(
7 "Merek Mobil : " + m1.merk + "\n" +
8 "Roda : " + m1.penggerak + " roda" + "\n" +
9 "Model : " + m1.pintu + " pintu" + "\n" +
10 "Mesin : " + m1.mesin + " mesin" + "\n" +
11 "Warna : " + m1.warna
12);
13
14 Pesawat p1 = new Pesawat();
15 System.out.println(
16 "\nMerek Pesawat : " + p1.jenis + "\n" +
17 "Roda : " + p1.penggerak + " roda" + "\n" +
18 "Model : " + p1.pintu + " pintu" + "\n" +
19 "Mesin : " + p1.mesin + " mesin" + "\n" +
20 "Warna : " + p1.warna
21);
22 }
23 }

6.3. TUGAS


EXPLORER
BangunDatar.java
OPEN EDITORS
BangunDatar.jav...
PRAK PBO 6
.vscode
bin
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
src > Tugas > BangunDatar.java > BangunDatar
1 package Tugas;
2
3 public class BangunDatar {
4
5 double luas;
6 double keliling;
7
8 void hitungLuas() {
9 System.out.println(x: "_____Menghitung Luas_____-");
10 }
11
12 double hitungKeliling() {
13 System.out.println(x: "_____Menghitung Keliling_____");
14 return keliling;
15 }
16 }


EXPLORER
BangunDatar.java
P.java
OPEN EDITORS
BangunDatar.jav...
P.java src\Tugas
PRAK PBO 6
.vscode
bin
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
src > Tugas > P.java > P
1 package Tugas;
2
3 public class P extends BangunDatar {
4
5 double sisi;
6
7 double luas() {
8
9 luas = sisi * sisi;
10 System.out.println("Luas Persegi : " + luas);
11 return luas;
12 }
13
14 double keliling() {
15
16 keliling = 4 * sisi;
17 System.out.println("Keliling Persegi : " + luas);
18 return keliling;
19 }
20 }


EXPLORER
BangunDatar.java
PP.java
OPEN EDITORS
src > Tugas > PP.java > PP
BangunDatar.jav...
PP.java src\Tugas
PRAK PBO 6
.vscode
bin
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
2 public class PP extends BangunDatar {
3
4 int panjang;
5 double lebar;
6
7 double luas() {
8
9 luas = panjang * lebar;
10 System.out.println("Luas Persegi Panjang : " + luas);
11 return luas;
12 }
13
14 double keliling() {
15
16 keliling = 2 * (panjang + lebar);
17 System.out.println("Keliling Persegi Panjang : " + luas);
18 return keliling;
19 }
20 }
21


EXPLORER
BangunDatar.java
PP.java
ST.java
OPEN EDITORS
src > Tugas > ST.java > ST
BangunDatar.jav...
PP.java src\Tugas
ST.java src\Tugas
PRAK PBO 6
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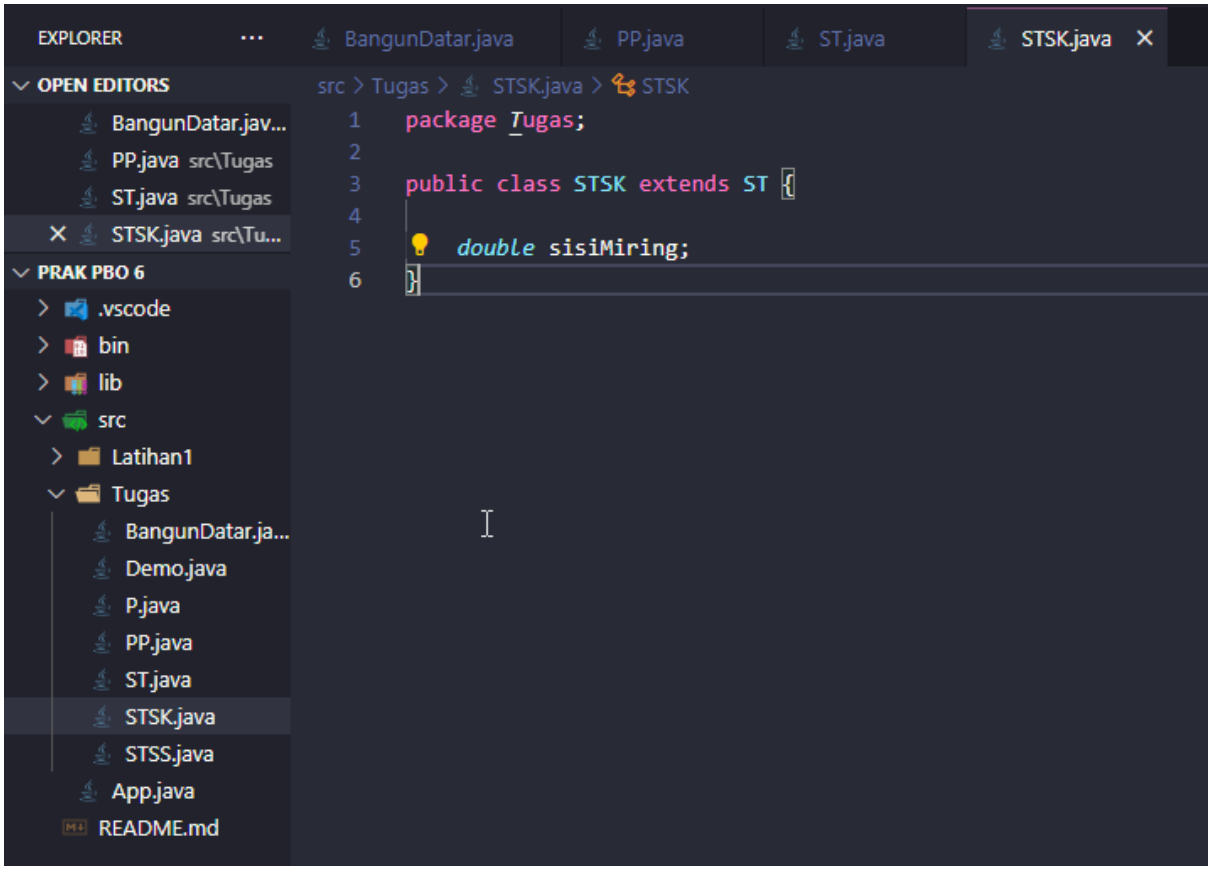
bin
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
1 package Tugas;
2
3 public class ST extends BangunDatar {
4
5 double alas;
6 double tinggi;
7
8 double luas() {
9
10 luas = (1/2) * alas * tinggi ;
11 System.out.println("Luas Segitiga : " + luas);
12 return luas;
13 }
14 }


EXPLORER
BangunDatar.java
PP.java
ST.java
STSK.java
OPEN EDITORS
BangunDatar.jav...
PP.java src\Tugas
ST.java src\Tugas
STSK.java src\Tu...
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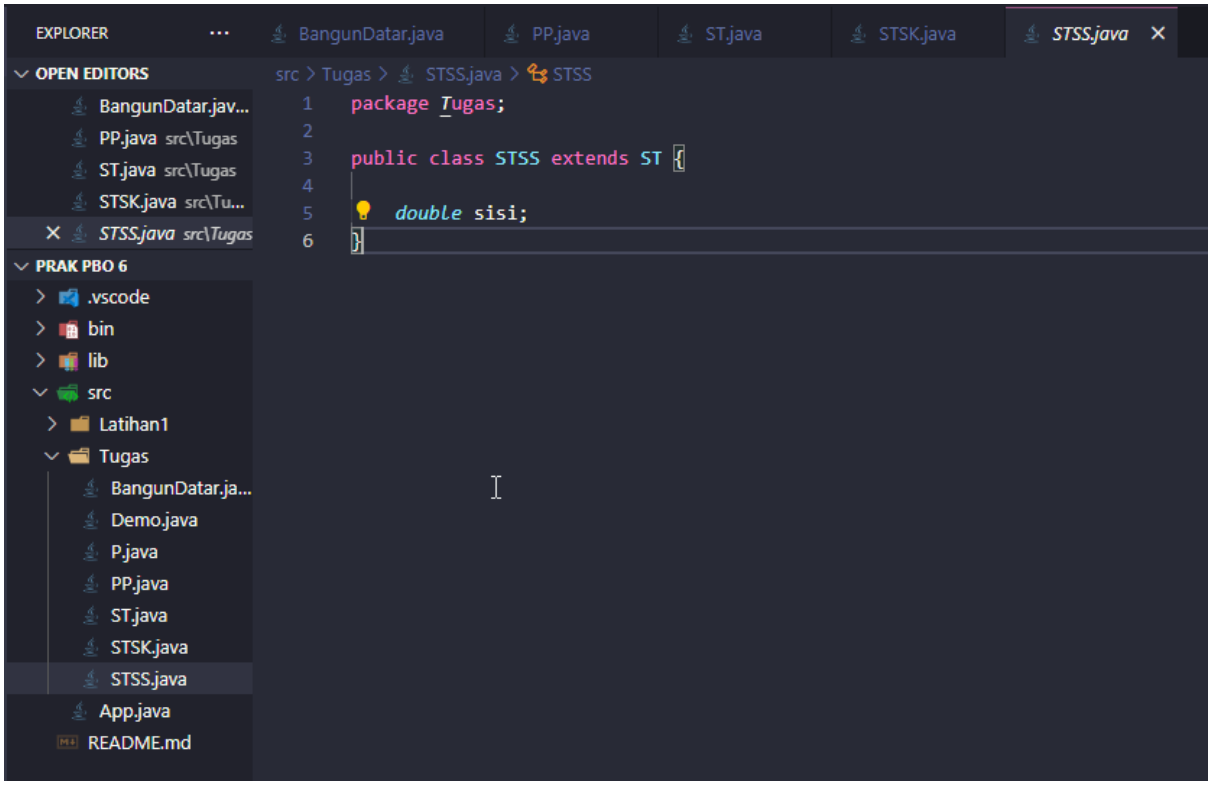
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
src > Tugas > STSK.java > STSK
1 package Tugas;
2
3 public class STSK extends ST {
4
5 double sisiMiring;
6 }


EXPLORER
BangunDatar.java
PP.java
ST.java
STSK.java
STSS.java
OPEN EDITORS
BangunDatar.jav...
PP.java src\Tugas
ST.java src\Tugas
STSK.java src\Tu...
STSS.java src\Tugas
PRAK PBO 6
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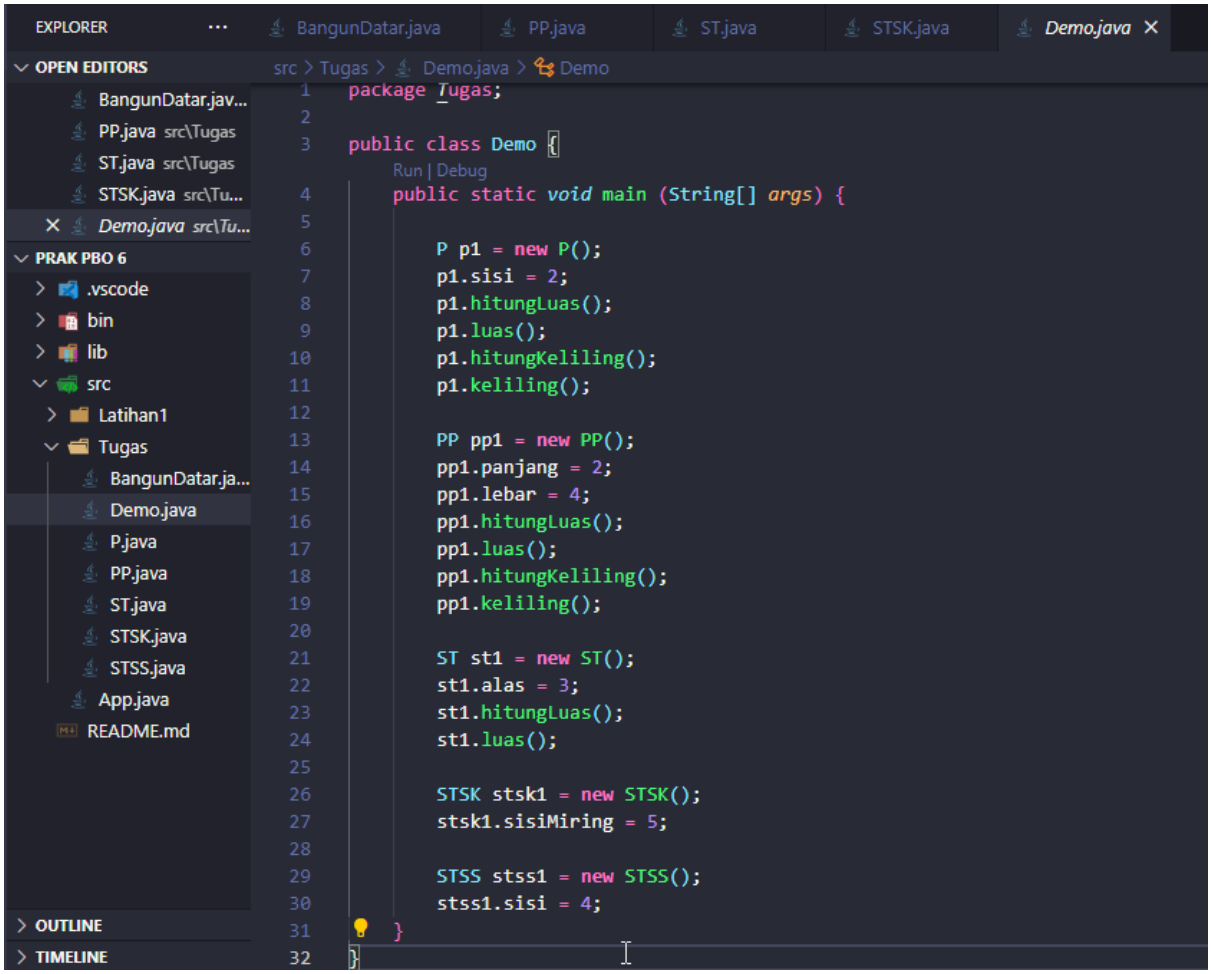
bin
lib
src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
src > Tugas > STSS.java > STSS
1 package Tugas;
2
3 public class STSS extends ST {
4
5 double sisi;
6 }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BangunDatar.java
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OPEN EDITORS
BangunDatar.jav...
PP.java src\Tugas
ST.java src\Tugas
STSK.java src\Tu...
Demo.java src\Tu...
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.vscode
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src
Latihan1
Tugas
BangunDatar.ja...
Demo.java
P.java
PP.java
ST.java
STSK.java
STSS.java
App.java
README.md
OUTLINE
TIMELINE
src > Tugas > Demo.java > Demo
package Tugas;
public class Demo {
Run | Debug
public static void main (String[] args) {
P p1 = new P();
p1.sisi = 2;
p1.hitungLuas();
p1.luas();
p1.hitungKeliling();
p1.keliling();
PP pp1 = new PP();
pp1.panjang = 2;
pp1.lebar = 4;
pp1.hitungLuas();
pp1.luas();
pp1.hitungKeliling();
pp1.keliling();
ST st1 = new ST();
st1.alas = 3;
st1.hitungLuas();
st1.luas();
STSK stsk1 = new STSK();
stsk1.sisiMiring = 5;
STSS stss1 = new STSS();
stss1.sisi = 4;
}
}