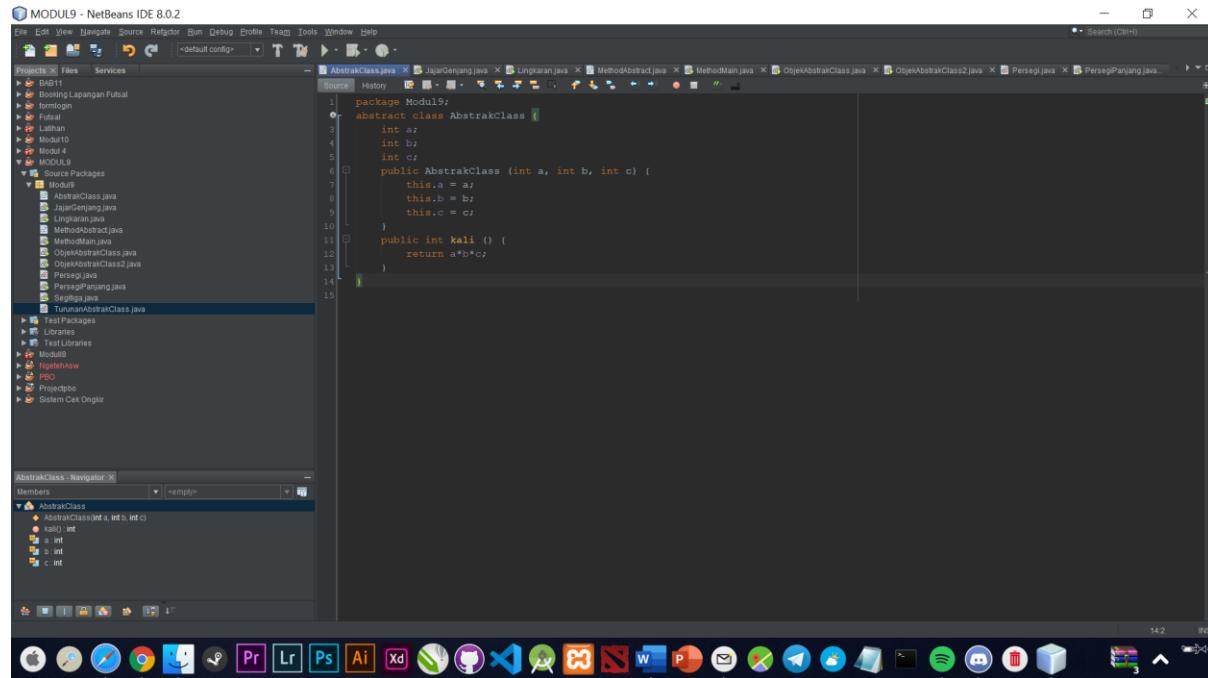


Praktikum PBO

Modul 9

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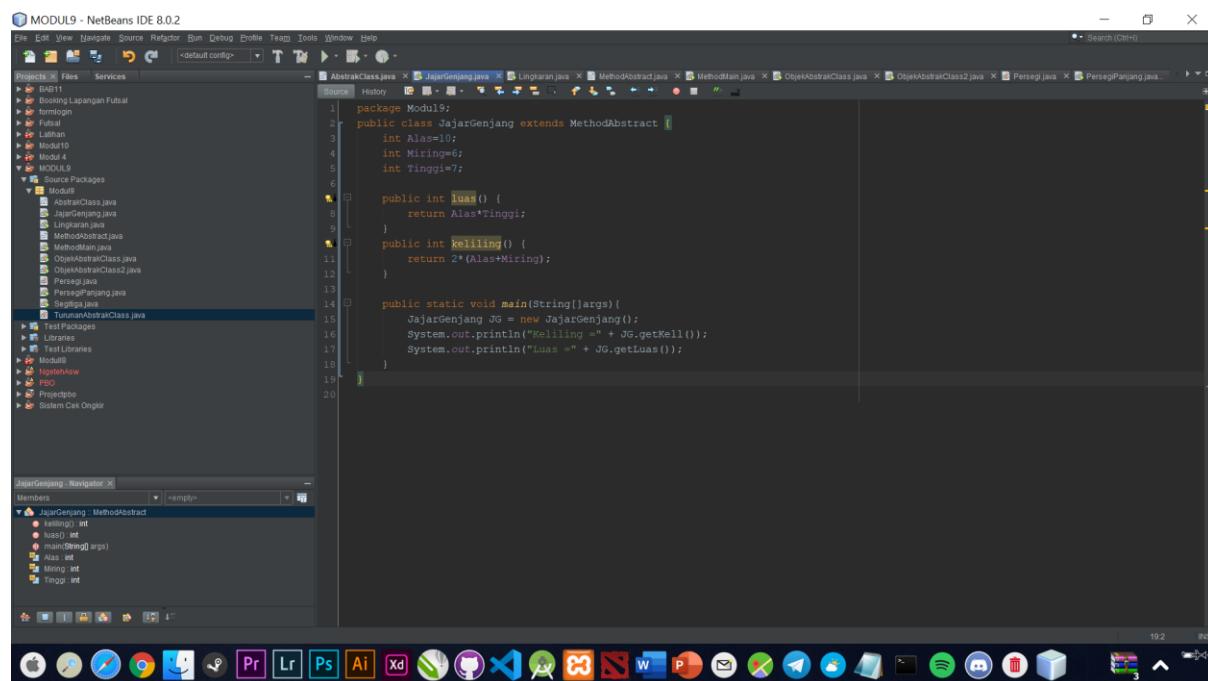


The screenshot shows the NetBeans IDE interface with the title "MODUL9 - NetBeans IDE 8.0.2". The code editor displays the following Java code:

```
1 package Modul9;
2 abstract class AbstrakClass {
3     int a;
4     int b;
5     int c;
6     public AbstrakClass (int a, int b, int c) {
7         this.a = a;
8         this.b = b;
9         this.c = c;
10    }
11    public int kali () {
12        return a*b*c;
13    }
14}
15
```

The Navigator tool window below shows the members of the `AbstrakClass` class:

- `AbstrakClass (int a, int b, int c)`
- `kali () int`
- `a: int`
- `b: int`
- `c: int`



The screenshot shows the NetBeans IDE interface with the title "MODUL9 - NetBeans IDE 8.0.2". The code editor displays the following Java code:

```
1 package Modul9;
2 public class JajarGenjang extends MethodAbstract {
3     int Alas=10;
4     int Miring=6;
5     int Tinggi=7;
6
7     public int luas() {
8         return Alas*Tinggi;
9     }
10    public int keliling() {
11        return 2*(Alas+Miring);
12    }
13
14    public static void main(String[] args) {
15        JajarGenjang JG = new JajarGenjang();
16        System.out.println("Keliling =" + JG.getKell());
17        System.out.println("Luas =" + JG.getLuas());
18    }
19
20}
```

The Navigator tool window below shows the members of the `JajarGenjang` class:

- `keliling () int`
- `luas () int`
- `JajarGenjang (MethodAbstract)`
- `Alas: int`
- `Miring: int`
- `Tinggi: int`

MODUL9 - NetBeans IDE 8.0.2

The screenshot shows the NetBeans IDE interface with the title "MODUL9 - NetBeans IDE 8.0.2". The main window displays a Java file named "Lingkaran.java" with the following code:

```
1 package Modul9;
2 public class Lingkaran extends MethodAbstract {
3     double Pi=3.10;
4     int D=6;
5     int R=6/7;
6
7     public int luas() {
8         return(int) Pi*R;
9     }
10    public int keliling() {
11        return(int) Pi*D;
12    }
13
14    public static void main(String[]args) {
15        Lingkaran LK = new Lingkaran();
16        System.out.println("Kelling = " + LK.getKell());
17        System.out.println("Luas = " + LK.getLuas());
18    }
19
20
21 }
```

The left sidebar shows the project structure under "Source Packages" for "Modul9", including files like "AbstrakClass.java", "JajarGenjang.java", "Lingkaran.java", "MethodAbstract.java", "MethodMain.java", "ObjekAbstrakClass.java", "ObjekAbstrakClass2.java", "Persegi.java", "PersegiGenjang.java", and "Segitiga.java".

The bottom status bar shows icons for various applications and the text "19.2 INS".

MODUL9 - NetBeans IDE 8.0.2

The screenshot shows the NetBeans IDE interface with the title "MODUL9 - NetBeans IDE 8.0.2". The main window displays a Java file named "MethodAbstract.java" with the following code:

```
1 package Modul9;
2 public abstract class MethodAbstract {
3     public abstract int luas();
4     public abstract int keliling();
5
6     public int getLuas () {
7         return luas();
8     }
9     public int getKell(){
10        return keliling();
11    }
12 }
```

The left sidebar shows the project structure under "Source Packages" for "Modul9", including files like "AbstrakClass.java", "JajarGenjang.java", "Lingkaran.java", "MethodAbstract.java", "MethodMain.java", "ObjekAbstrakClass.java", "ObjekAbstrakClass2.java", "Persegi.java", "PersegiGenjang.java", and "Segitiga.java".

The bottom status bar shows icons for various applications and the text "15.1 INS".

MODUL9 - NetBeans IDE 8.0.2

```
1 package Modul9;
2 public class MethodMain {
3     public static void main(String[] args){
4         Persegi psg= new Persegi ();
5         System.out.println("PERSEGI \n"+ "Keliling = " + psg.getKell());
6         System.out.println("Luas = " + psg.getLuas());
7
8         PersegiPanjang PP= new PersegiPanjang ();
9         System.out.println("Persegi Panjang \n"+ "Keliling = " + PP.getKell());
10        System.out.println("Luas = " + PP.getLuas());
11
12         JajarGenjang JG= new JajarGenjang ();
13         System.out.println("Jajar Genjang \n"+ "Keliling = " + JG.getKell());
14         System.out.println("Luas = " + JG.getLuas());
15
16         Lingkaran LK= new Lingkaran ();
17         System.out.println("Lingkaran \n"+ "Keliling = " + LK.getKell());
18         System.out.println("Luas = " + LK.getLuas());
19
20         Segitiga SG= new Segitiga ();
21         System.out.println("Segitiga \n"+ "Keliling = " + SG.getKell());
22         System.out.println("Luas = " + SG.getLuas());
23     }
24 }
```

MODUL9 - NetBeans IDE 8.0.2

```
1 package Modul9;
2 public class ObjekAbstrakClass {
3     public static void main(String[] args) {
4         AbstrakClass ac = new AbstrakClass(2, 3, 4);
5     }
6 }
```

MODUL9 - NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

<default config>

Project Files Services

Source Packages

- Modul9
- AbstrakClass.java
- JajarGenjang.java
- Lingkaran.java
- MethodAbstract.java
- MethodMain.java
- ObjekAbstrakClass.java
- ObjekAbstrakClass2.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java
- TurunanAbstrakClass.java

Test Packages

- Libraries
- Test Libraries
- Modul8
- Agilehawk
- PSD
- Projectiles
- System Cek Ongkos

Source

```
1 package Modul9;
2 public class ObjekAbstrakClass2 {
3     public static void main (String[] args){
4         TurunanAbstrakClass tac= new TurunanAbstrakClass(2, 3, 2);
5         tac.printX();
6         System.out.println(tac.kali());
7     }
8 }
9
10 }
```

Navigator

Members

- ObjekAbstrakClass2
- main(String[] args)

10.1 INS

This screenshot shows the NetBeans IDE interface with the title 'MODUL9 - NetBeans IDE 8.0.2'. The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, and Help. A toolbar with various icons is at the top, followed by a search bar labeled 'Search (Ctrl+F)'. The left sidebar shows the project structure under 'Source Packages' for 'Modul9', listing classes like AbstrakClass.java, JajarGenjang.java, Lingkaran.java, MethodAbstract.java, MethodMain.java, ObjekAbstrakClass.java, ObjekAbstrakClass2.java, Persegi.java, PersegiPanjang.java, Segitiga.java, and TurunanAbstrakClass.java. Below this are sections for Test Packages, Libraries, and Test Libraries, along with links to Agilehawk, PSD, Projectiles, and System Cek Ongkos. The central workspace shows Java code for 'ObjekAbstrakClass2'. The code defines a class 'ObjekAbstrakClass2' with a static main method. Inside the main method, it creates an instance of 'TurunanAbstrakClass' with parameters 2, 3, and 2, then calls its printX() and kali() methods. The Navigator panel on the right lists the members of 'ObjekAbstrakClass2', specifically the main method. The status bar at the bottom indicates '10.1 INS'.

MODUL9 - NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

<default config>

Project Files Services

Source Packages

- Modul9
- AbstrakClass.java
- JajarGenjang.java
- Lingkaran.java
- MethodAbstract.java
- MethodMain.java
- ObjekAbstrakClass.java
- ObjekAbstrakClass2.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java
- TurunanAbstrakClass.java

Test Packages

- Libraries
- Test Libraries
- Modul8
- Agilehawk
- PSD
- Projectiles
- System Cek Ongkos

Source

```
1 package Modul9;
2 public class Persegi extends MethodAbstract {
3     int sisi=5;
4
5     public int luas(){
6         return sisi*sisi;
7     }
8     public int keliling() {
9         return 4*sisi;
10    }
11 }
12
13 }
```

Navigator

Members

- Persegi - MethodAbstract
- luas() int
- keliling() int
- sisi int

15.1 INS

This screenshot shows the NetBeans IDE interface with the title 'MODUL9 - NetBeans IDE 8.0.2'. The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, and Help. A toolbar with various icons is at the top, followed by a search bar labeled 'Search (Ctrl+F)'. The left sidebar shows the project structure under 'Source Packages' for 'Modul9', listing classes like AbstrakClass.java, JajarGenjang.java, Lingkaran.java, MethodAbstract.java, MethodMain.java, ObjekAbstrakClass.java, ObjekAbstrakClass2.java, Persegi.java, PersegiPanjang.java, Segitiga.java, and TurunanAbstrakClass.java. Below this are sections for Test Packages, Libraries, and Test Libraries, along with links to Agilehawk, PSD, Projectiles, and System Cek Ongkos. The central workspace shows Java code for 'Persegi'. The code defines a class 'Persegi' that extends 'MethodAbstract'. It has a field 'sisi' set to 5. It contains two methods: 'luas()' which returns the square of 'sisi', and 'keliling()' which returns four times 'sisi'. The Navigator panel on the right lists the members of 'Persegi', specifically the luas() and keliling() methods and the field sisi. The status bar at the bottom indicates '15.1 INS'.

MODUL9 - NetBeans IDE 8.0.2

```
1 package Modul9;
2 public class PersegiPanjang extends MethodAbstract {
3     int Lebar=10;
4     int Panjang=6;
5
6     public int luas() {
7         return Panjang*Lebar;
8     }
9     public int keliling() {
10        return 2*(Panjang+Lebar);
11    }
12
13    public static void main(String[] args) {
14        PersegiPanjang PP = new PersegiPanjang();
15        System.out.println("keliling = " + PP.getKell());
16        System.out.println("Luas = " + PP.getLuas());
17    }
18
19
20
21 }
```

PersegiPanjang - Navigator X

Members

- PersegiPanjang - MethodAbstract
 - keliling(): int
 - luas(): int
 - main(String[] args)
 - Lebar: int
 - Panjang: int

20.2 INS

MODUL9 - NetBeans IDE 8.0.2

```
1 package Modul9;
2 public class Segitiga extends MethodAbstract {
3     int Alas=10;
4     int Tinggi=7;
5     int sisi1=6;
6     int sisi2=6;
7     int sisi3=6;
8
9     public int luas() {
10        return (Alas*Tinggi)/2;
11    }
12    public int keliling() {
13        return (sisi1+sisi2+sisi3);
14    }
15
16    public static void main(String[] args) {
17        Segitiga SG = new Segitiga();
18        System.out.println("keliling = " + SG.getKell());
19        System.out.println("Luas = " + SG.getLuas());
20    }
21 }
```

main - Navigator X

Members

- Segitiga - MethodAbstract
 - keliling(): int
 - luas(): int
 - main(String[] args)
 - Alas: int
 - Tinggi: int
 - sisi1: int
 - sisi2: int
 - sisi3: int

15.5 INS

MODUL9 - NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Source History

MethodAbstract.java MethodMain.java ObjekAbstrakClass.java ObjekAbstrakClass2.java Persegi.java PersegiPanjang.java Segitiga.java TurunanAbstrakClass.java

Projects Files Services <default config>

BAB11
BolaLapanganFutsal
BolaVolly
Latihan
Modul10
Modul9
ProjectULP
Source Packages Modul9
AbstractClass.java
BolaGelang.java
Latihan.java
MethodAbstract.java
MethodMain.java
ObjekAbstrakClass.java
ObjekAbstrakClass2.java
Persegi.java
PersegiPanjang.java
Segitiga.java
TurunanAbstrakClass.java

Test Packages
Libraries
Modul8
Modul9
AjetehKaw
PSD
ProjectDps
SistemCetOngkor

Source

```
1 package Modul9;
2 public class TurunanAbstrakClass extends AbstrakClass {
3     int x;
4
5     public TurunanAbstrakClass (int a, int b, int c) {
6         super(a,b,c);
7         x = a+b+c;
8     }
9     public void printX(){
10        System.out.println(x);
11    }
12 }
13
14 }
```

Navigator

Members

TurunanAbstrakClass: AbstrakClass
TurunanAbstrakClass(int a, int b, int c)
printX()
x: int

14.1 INS