

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>cd..

C:\Users\Lenovo>cd..

C:\>cd C:\Users\Lenovo\Documents\ica

C:\Users\Lenovo\Documents\ica>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\ica

21/03/2022  08.20    <DIR> .
17/03/2022  07.27    <DIR> ..
21/03/2022  08.20            252 Asgdll.java
05/03/2022  14.11            28 orang.java
15/03/2022  15.24            245 Uji coba.java
               3 File(s)      525 bytes
               2 Dir(s)  368.579.997.696 bytes free

C:\Users\Lenovo\Documents\ica>javac Asgdll.java

C:\Users\Lenovo\Documents\ica>java Asgdll.java
f : 20.0
f11: 10.0

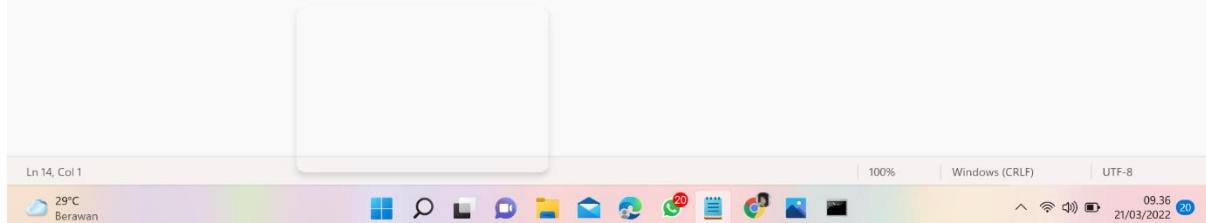
C:\Users\Lenovo\Documents\ica>
```



```
File   Edit   View

public class Asgdll {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        float f= 20.0f;
        double f11;

        /* Algoritma */
        f11=10.0f;
        System.out.println ("f : "+f +
                           "\nf11: "+f11);
    }
}
```



The image shows a Windows desktop environment with two open windows. The top window is a Notepad titled "Asign - Notepad" containing Java code for a class named "Asign". The bottom window is a Command Prompt window showing the execution of the Java program.

**Notepad Content (Asign.java):**

```
public class Asign {
    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        int i;
        /* Program */
        System.out.print ("hello\n"); i = 5;
        System.out.println ("Ini nilai i :" + i);
    }
}
```

**Command Prompt History:**

```
C:\Users\Lenovo>cd..
C:\Users\Lenovo>cd..
C:\>cd C:\Users\Lenovo\Documents\ica
C:\Users\Lenovo\Documents\ica>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\ica

21/03/2022 14.04 <DIR> .
17/03/2022 07.27 <DIR> ..
21/03/2022 08.36 876 Asgdl1.class
21/03/2022 09.58 253 Asgdl1.java
21/03/2022 14.04 268 Asign.java
05/03/2022 14.11 28 orang.java
15/03/2022 15.24 245 Uji_coba.java
               5 File(s)   1,678 bytes
               2 Dir(s)  370,189,021,184 bytes free

C:\Users\Lenovo\Documents\ica>javac Asign.java
C:\Users\Lenovo\Documents\ica>java Asign.java
hello
Ini nilai i :5

C:\Users\Lenovo\Documents\ica>
```

```
ASIGNI - Notepad
File Edit View
public class ASIGNI {
    /*
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* KAMUS */
        short ks = 1;
        int ki = 1;
        long kl = 10000;
        char c = 65; /* inisialisasi karakter dengan
integer */
        char c1 = 'Z'; /* inisialisasi karakter dengan karakter */
        double x = 50.2f;
        float y = 50.2f;
        /* Algoritma */

        /* penulisan karakter sebagai karakter */
        System.out.println ("Karakter = "+ c);
        System.out.println ("Karakter = "+ c1);

        /* penulisan karakter sebagai integer */
        System.out.println ("Bilangan integer (short) = "+ ks);
        System.out.println ("(int) = "+ ki);
        System.out.println ("(long)= "+ kl);
        System.out.println ("Bilangan Real x = "+ x);
        System.out.println ("Bilangan Real y = "+ y);
    }
}
```

```
Ln 33, Col 1
Windows (CRLF) | UTF-8
14.22 21 21/03/2022
Select Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad
C:\Users\Lenovo>cd..
C:\Users>cd..
C:\>cd C:\Users\Lenovo\Documents\ica

C:\Users\Lenovo\Documents\ica>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

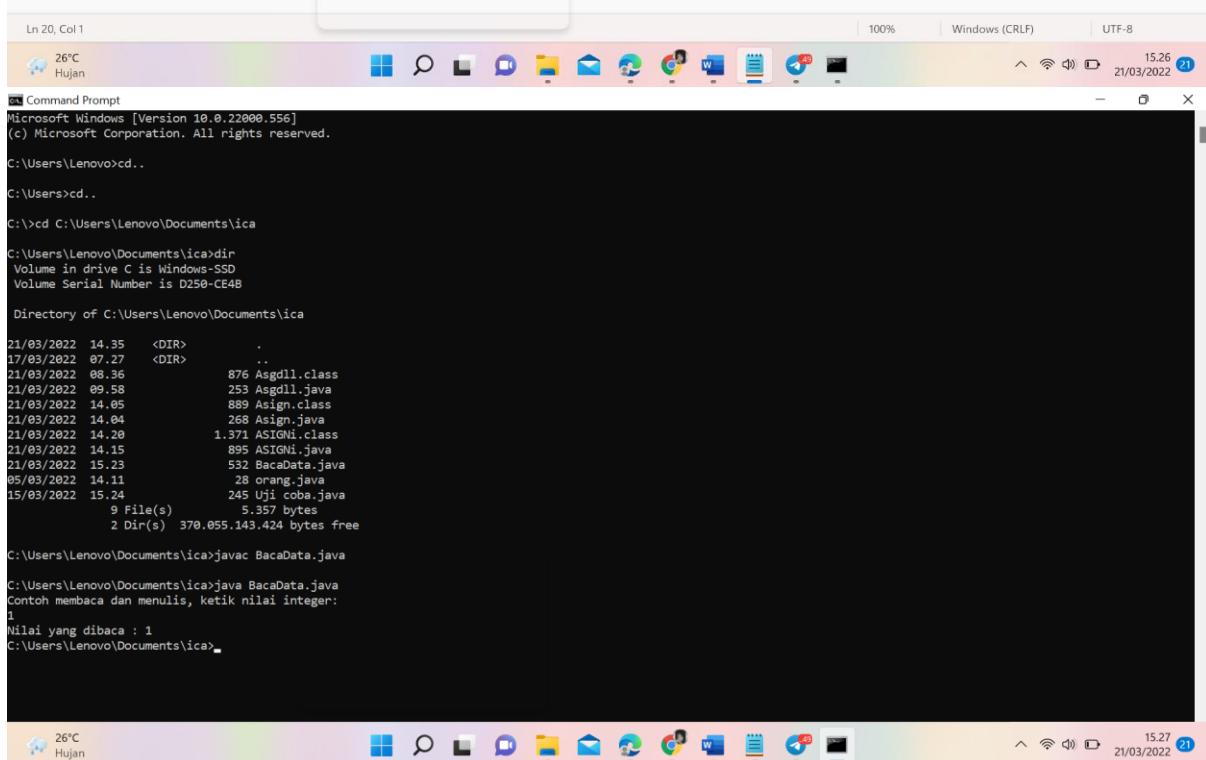
Directory of C:\Users\Lenovo\Documents\ica

21/03/2022 14.15      <DIR>       .
17/03/2022 07.27      <DIR>       ..
21/03/2022 08.36          876 Asgdll.class
21/03/2022 09.58          253 Asgdll.java
21/03/2022 14.05          889 Asign.class
21/03/2022 14.04          268 Asign.java
21/03/2022 14.15          895 ASIGNI.java
05/03/2022 14.11          28 orang.java
15/03/2022 15.24          245 Uji coba.java
               7 File(s)   3,454 bytes
               2 Dir(s)  370.178.990.080 bytes free

C:\Users\Lenovo\Documents\ica>javac ASIGNI.java
C:\Users\Lenovo\Documents\ica>java ASIGNI.java
Karakter = A
Karakter = Z
Karakter = A
Karakter = Z
Bilangan integer (short) = 1
(int) = 1
(long)= 10000
Bilangan Real x = 50.20000076293945
Bilangan Real y = 50.2
```



```
import java.util.Scanner;
/* contoh membaca integer menggunakan class Scanner*/
public class BacaData {
    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        int a;
        Scanner masukan;
        /* Program */
        System.out.print ("Contoh membaca dan menulis, ketik nilai integer: \n");
        masukan = new Scanner(System.in);
        a = masukan.nextInt(); /* coba ketik : masukan.nextInt(); ; Apa akibatnya ?*/
        System.out.print ("Nilai yang dibaca : "+ a);
    }
}
```



```
Ln 20, Col 1
26°C Hujan
Windows (CRLF) 100% UTF-8
15.26 21 21/03/2022
Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>cd..
C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\ica

C:\Users\Lenovo\Documents\ica>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\ica

21/03/2022 14.35 <DIR> .
17/03/2022 07.27 <DIR> ..
21/03/2022 08.36 876 Asgdll.class
21/03/2022 09.58 253 Asgdll.java
21/03/2022 14.05 889 Asign.class
21/03/2022 14.04 268 Asign.java
21/03/2022 14.20 1.371 ASIGNi.class
21/03/2022 14.15 895 ASIGNi.java
21/03/2022 15.23 532 BacaData.java
05/03/2022 14.11 28 orang.java
15/03/2022 15.24 245 Uji_coba.java
9 File(s) 5.357 bytes
2 Dir(s) 370.055.143.424 bytes free

C:\Users\Lenovo\Documents\ica>javac BacaData.java

C:\Users\Lenovo\Documents\ica>java BacaData.java
Contoh membaca dan menulis, ketik nilai integer:
1
Nilai yang dibaca : 1
C:\Users\Lenovo\Documents\ica>
```

Bacakar - Notepad

File Edit View

```
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
//import javax.swing.*;
public class Bacakar {
/*
 * @param args
 * @throws IOException
 */
public static void main(String[] args) throws IOException {
// TODO Auto-generated method stub
/* Kamus */
char cc;
int bil;
InputStreamReader isr = new InputStreamReader(System.in);
BufferedReader dataIn = new BufferedReader(isr);
// atau
BufferedReader dataIn = new BufferedReader(new InputStreamReader(System.in));
/* Algoritma */
System.out.print("hello\n");
System.out.print("baca 1 karakter : ");
//perintah baca karakter cc
cc = dataIn.readLine().charAt(0);
System.out.print("baca 1 bilangan : ");
//perintah baca bil
bil = Integer.parseInt(dataIn.readLine());
/*String kar = JOptionPane.showInputDialog("Karakter 1 : ");
System.out.println(kar);*/
//JOptionPane.showMessageDialog(null, "hello");
System.out.print(cc +"\n" +bil+"\n");
System.out.print ("bye \n");
}
}
```

Ln 14, Col 9

100% Windows (CRLF) UTF-8

25°C Hujan sedang

Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>dir

Volume in drive C is Windows-SSD  
Volume Serial Number is D256-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

21/03/2022 19.29 <DIR> .  
21/03/2022 19.29 <DIR> ..  
21/03/2022 08.36 876 Asgdll.class  
21/03/2022 09.58 253 Asgdll.java  
21/03/2022 14.05 889 Asign.class  
21/03/2022 14.04 268 Asign.java  
21/03/2022 14.20 1.371 ASIGNi.class  
21/03/2022 14.15 895 ASIGNi.java  
21/03/2022 15.24 1.073 BacaData.class  
21/03/2022 15.23 532 BacaData.java  
21/03/2022 19.27 996 Bacakar.java  
15/03/2022 15.24 245 Uji coba.java  
10 File(s) 7.398 bytes  
2 Dir(s) 370.057.056.256 bytes free

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Bacakar.java

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>java Bacakar.java

hello  
baca 1 karakter : berhitung  
baca 1 bilangan : 12  
b  
12

25°C Hujan sedang

19.34 20

21/03/2022

Casting1 - Notepad

File Edit View

```
/*Casting menggunakan tipe data primitif*/
public class Casting1 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
int a=5,b=6;
float d=2.5f,e=3.2f;
char g='5';
double k=3.14;
System.out.println((float)a); // int <- float
System.out.println((double)b); // int <- double
System.out.println((int)d); // float <- int
System.out.println((double)e); // float <- double
System.out.println((int)g); // char <- int (ASCII)
System.out.println((float)g); // char <- float (ASCII)
System.out.println((double)g); // char <- double (ASCII)
System.out.println((int)k); // double <- int
System.out.println((float)k); // double <- float
}
}
```

Ln 22, Col 2

24°C Hujan sedang

Windows (CRLF) UTF-8

19.50 21 21/03/2022

Command Prompt

(c) Microsoft Corporation. All rights reserved.

```
C:\Users\Lenovo>notepad
```

```
C:\Users\Lenovo>cd..
```

```
C:\>cd C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek
```

```
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>dir
```

```
Volume in drive C is Windows-55D
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

21/03/2022 19.50 <DIR>
21/03/2022 19.29 <DIR> .
21/03/2022 08.36 876 Asgdll.class
21/03/2022 09.58 253 Asgdll.java
21/03/2022 14.05 888 Asign.class
21/03/2022 14.04 268 Asign.java
21/03/2022 14.20 1.371 ASIGNi.class
21/03/2022 14.15 895 ASIGNi.java
21/03/2022 15.24 1.073 Bacadata.class
21/03/2022 15.23 532 Bacadata.java
21/03/2022 19.31 1.412 Bacakar.class
21/03/2022 19.27 996 Bacakar.java
21/03/2022 19.50 702 Casting1.java
15/03/2022 15.24 245 Uji_coba.java
12 File(s) 9.512 bytes
2 Dir(s) 369.762.390.016 bytes free
```

```
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Casting1.java
```

```
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>java Casting1.java
```

```
5.0
6.0
2
3.200000047683716
53
53.0
53.0
```

24°C Hujan sedang

19.52 21 21/03/2022

Casting2 - Notepad

File Edit View

```
/*Casting menggunakan tipe data class*/
public class Casting2 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
int a=8,b=9;
float d=2.5f,e=3.2f;
char g='5';
double k=3.14;
String h="67",i="45", l="100";
a = Integer.parseInt(i); /*Konversi String ke Integer*/
k = Double.parseDouble(h); /*Konversi String ke double*/
d = Float.parseFloat(l); /*Konversi String ke Float*/
System.out.println("a : "+a+"\n k : "+k+"\n d : "+d);
n = String.valueOf(b); /*Konversi Integer ke string*/
m = String.valueOf(g); /*Konversi Karakter ke string*/
l = String.valueOf(e); /*Konversi Float ke String*/
System.out.println("n : "+n+"\n m : "+m+"\n l : "+l);
k = Double.parseDouble(k); /*Konversi Integer ke Double*/
double c = Integer.valueOf(b).doubleValue();
System.out.println("k : "+k+"\n c : "+c+"\n l : "+l);
}
}
```

Ln 27, Col 1

24°C Hujan sedang 100% Windows (CRLF) UTF-8 19.55 21 21/03/2022

Command Prompt

```
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad
```

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

```
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is D25E-CE4B

 Directory of C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

21/03/2022 19.54 <DIR> .
21/03/2022 19.29 <DIR> ..
21/03/2022 08.36 876 Asgdll.class
21/03/2022 09.58 253 Asgdll.java
21/03/2022 14.05 889 Asign.class
21/03/2022 14.04 268 Asign.java
21/03/2022 14.20 1.371 ASTGNI.class
21/03/2022 14.15 895 ASTGNI.java
21/03/2022 15.24 1.073 Bacadata.class
21/03/2022 15.23 532 Bacadata.java
21/03/2022 19.31 1.412 Bacakan.class
21/03/2022 19.27 996 Bacakan.java
21/03/2022 19.50 572 Casting1.class
21/03/2022 19.50 702 Casting1.java
21/03/2022 19.54 877 Casting2.java
15/03/2022 15.24 245 Uji coba.java
14 File(s) 10.961 bytes
2 Dir(s) 369.732.050.944 bytes free
```

```
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Casting2.java
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>java Casting2.java
a : 67
```

24°C Hujan sedang 19.56 21 21/03/2022

```
 Command Prompt
21/03/2022 19.58          702 Casting1.java
21/03/2022 19.54          877 Casting2.java
15/03/2022 15.24          245 Uji_coba.java
14 File(s)   10.961 bytes
2 Dir(s)   369.732.050.944 bytes free

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Casting2.java

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>java Casting2.java
a : 67
k : 45.0
d : 100.0
n : 9
m : 5
l : 3.2
k : 67.0
c : 9.0
i : 3.2

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>
```

```
 24°C
Hujan sedang
```

```
Ekspresi - Notepad
```

```
File Edit View
```

```
/* pemakaian operator kondisional */
public class Ekspresi {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* KAMUS */
int x = 1;
int y = 2;
/* ALGORITMA */
System.out.print("x = "+ x + "\n");
System.out.print("y = "+ y + "\n");
System.out.print("hasil ekspresi = (x<y)?x:y = "+ ((x < y) ?
x : y)); /*Gunakan dalam kurung "(statemen dan kondisi)" untuk menyatakan
satu kesatuan pernyataan*/
}
}
```

```
Ln 18, Col 2
```

```
100% Windows (CRLF) UTF-8
```

```
 24°C
Hujan sedang
```

```
c:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek

21/03/2022  20.00      <DIR>          .
21/03/2022  19.29      <DIR>          ..
21/03/2022  08.36          876 Asgdll.class
21/03/2022  09.58          253 Asgdll.java
21/03/2022  14.05          889 Asign.class
21/03/2022  14.04          268 Asign.java
21/03/2022  14.20          1.371 ASIGNi.class
21/03/2022  14.15          895 ASIGNi.java
21/03/2022  15.24          1.073 Bacadata.class
21/03/2022  15.23          532 Bacadata.java
21/03/2022  19.31          1.412 Bacakan.class
21/03/2022  19.27          996 Bacakan.java
21/03/2022  19.50          572 Casting1.class
21/03/2022  19.59          702 Casting1.java
21/03/2022  19.55          1.748 Casting2.class
21/03/2022  19.54          877 Casting2.java
21/03/2022  20.00          463 Ekspresi.java
15/03/2022  15.24          245 Uji coba.java
16 File(s)           13.172 bytes
2 Dir(s)   369.723.224.064 bytes free

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Ekspresi.java
error: Class names, 'Ekspresi.java', are only accepted if annotation processing is explicitly requested
```



```
c:\ Command Prompt
21/03/2022  19.27          996 Bacakan.java
21/03/2022  19.50          572 Casting1.class
21/03/2022  19.50          702 Casting1.java
21/03/2022  19.55          1.748 Casting2.class
21/03/2022  19.54          877 Casting2.java
21/03/2022  20.00          463 Ekspresi.java
15/03/2022  15.24          245 Uji coba.java
16 File(s)           13.172 bytes
2 Dir(s)   369.723.224.064 bytes free

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Ekspresi.java
error: Class names, 'Ekspresi.java', are only accepted if annotation processing is explicitly requested
1 error

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>javac Ekspresi.java

C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>java Ekspresi.java
x = 1
y = 2
hasil ekspresi = (x<y)?x:y = 1
C:\Users\Lenovo\Documents\Pemrograman Berorientasi Objek>
```



The image shows a Windows desktop environment with two open windows. The top window is a Notepad titled "Asgdll - Notepad" containing Java code. The bottom window is a Command Prompt window showing the execution of the Java code.

**Notepad Content (Asgdll - Notepad):**

```
//NIM : 13020200303
// NAMA : UMINIAH
// HARI/TANGGAL : Senin, 21 maret 2022
// waktu : 08.12 AM

public class Asgdll {
    /*
    * @param args
    */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        float f=20.0f;
        double fil;
        /* Algoritma */
        fil=10.0f;
        System.out.println ("f : "+f +
        "\nfil: "+fil);
    }
}
```

**Command Prompt History:**

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad
C:\Users\Lenovo>cd..
C:\Users>cd..
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is D256-CE4B

 Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.13      <DIR>.
21/03/2022  20.10      <DIR>..
21/03/2022  20.13           352 Asgdll.java
                           1 File(s)   352 bytes
                           2 Dir(s)  369.727.123.456 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Asgdll.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Asgdll.java
f : 20.0
fil: 10.0

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

```
//NIM : 13020200303
//NAMA : UMMIAH
//HARI/TANGGAL : SENIN, 21 MARET 2022
//WAKTU : 08.17 AM
public class Asign {
    /*
    * @param args
    */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        int i;
        /* Program */
        System.out.print ("hello\n"); i = 5;
        System.out.println ("Ini nilai i :" + i);
    }
}
```

```
Ln 5, Col 1
22°C Hujan sedang 100% Windows (CRLF) 20.18 21 21/03/2022
Select C:\Users\Lenovo\Documents\tugas 1 sd\Untitled7.exe
masukkan pilihan
-----
1. tambah data
2. hapus depan
3. hapus belakang
4. hapus tengah
5. cetak linked list
6. keluar
masukkan pilihan : 1
masukkan nama : umniyah
masukkan umur : 20
head null
masukkan pilihan
-----
1. tambah data
2. hapus depan
3. hapus belakang
4. hapus tengah
5. cetak linked list
6. keluar
masukkan pilihan : 1
masukkan nama : ica
masukkan umur : 21
masukkan pilihan
-----
1. tambah data
2. hapus depan
3. hapus belakang
4. hapus tengah
5. cetak linked list
6. keluar
masukkan pilihan : 1
masukkan nama : iwan
masukkan umur : 22
masukkan pilihan
-----
1. tambah data
```

```
C:\ Command Prompt
C:\Users\Lenovo>notepad
C:\Users\Lenovo>cd..
C:\Users>cd..
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.17      <DIR> .
21/03/2022  20.19      <DIR> ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.17          345 Asign.java
               3 File(s)   1.573 bytes
               2 Dir(s)  369.718.235.136 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Asign.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Asign.java
hello
Ini nilai i :5

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

The screenshot shows a Windows desktop environment. At the top, there is a taskbar with various icons for system functions like battery status, signal strength, and date/time (21/03/2022, 20:19). Below the taskbar, there are two windows: a Command Prompt window and a Notepad window.

The Command Prompt window contains the command history and output from the previous screenshot.

The Notepad window is titled "ASIGNI - Notepad" and contains the following Java code:

```
//NIM : 13020200303
//NAMA : UMINIAH
//HARZ/TANGGAL : SENIN, 21 MARET 2022
//WAKTU : 08.20 AM

public class ASIGNI {
    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* KAMUS */
        short ks = 1;
        int k1 = 1;
        long kL = 10000;
        char c = 65; /* inisialisasi karakter dengan
        integer */
        char c1 = 'Z'; /* inisialisasi karakter dengan karakter */
        double x = 50.2f;
        float y = 50.2f;
        /* Algoritma */
        /* penulisan karakter sebagai karakter */
        System.out.println ("Karakter = "+ c);
        System.out.println ("Karakter = "+ c1);
        /* penulisan karakter sebagai integer */
        System.out.println ("Karakter = "+ k1);
        System.out.println ("Karakter = "+ kL);
        System.out.println ("Bilangan Integer (short) = "+ ks);
        System.out.println ("Bilangan Integer (int) = "+ k1);
        System.out.println ("Bilangan Long = "+ kL);
        System.out.println ("Bilangan Real x = "+ x);
        System.out.println ("Bilangan Real y = "+ y);
    }
}
```

The Notepad window also displays status information at the bottom: Line 35, Col 1, 100% zoom, Windows (CRLF) encoding, and UTF-8 encoding. The taskbar at the bottom of the screen also includes weather information (22°C, Hujan sedang) and the date/time (21/03/2022, 20:21).

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.28    <DIR>      .
21/03/2022  20.18    <DIR>      ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.20          939 ASIGNi.java
               5 File(s)   3.401 bytes
               2 Dir(s)  369.715.089.408 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac ASIGNi.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java ASIGNi.java
Karakter = A
Karakter = Z
Karakter = A
Karakter = Z
Bilangan integer (short) = 1
        (int) = 1
        (long)= 10000
Bilangan Real x = 50.20000076293945
Bilangan Real y = 50.2
```

```
//NIM : 13020200303
//NAMA : UMINAH
//HARZ/TANGGAL : SENIN, 21 MARET 2022
//WAKTU : 08.23 AM

import java.util.Scanner;
/* contoh membaca integer menggunakan class scanner*/
public class BacaData {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* Kamus */
int a;
Scanner masukan;
/* Program */
System.out.print("Contoh membaca dan menulis, ketik nilai integer: \n");
masukan = new Scanner(System.in);
a = masukan.nextInt(); /* cobaketik : masukan.nextInt(); ; Apa akibatnya ?*/
System.out.print("Nilai yang dibaca : " + a);
}
}
```

Ln 20, Col 61

100% Windows (CRLF) UTF-8

22°C Hujan sedang 20.25 21 21/03/2022

```
c:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

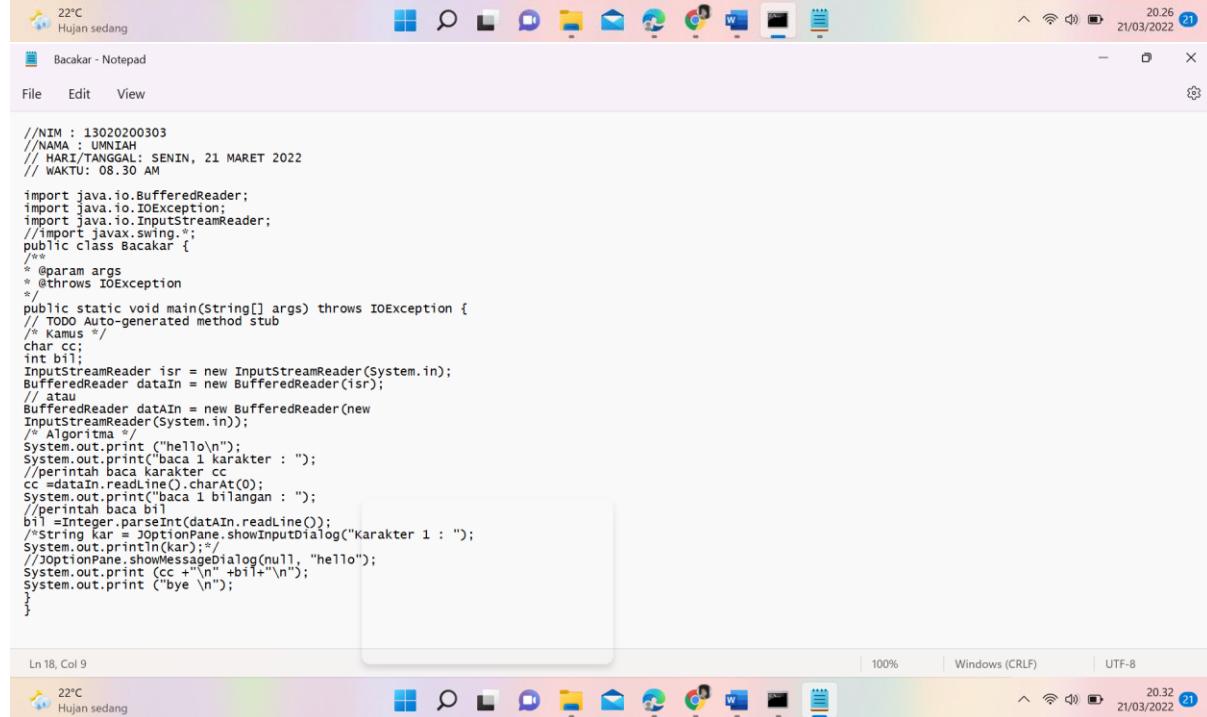
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.24      <DIR>          .
21/03/2022  20.18      <DIR>          ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNI.class
21/03/2022  20.20          939 ASIGNI.java
21/03/2022  20.24          604 BacaData.java
                           7 File(s)   5.376 bytes
                           2 Dir(s)  369.711.894.528 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac BacaData.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java BacaData.java
Contoh membaca dan menulis, ketik nilai integer:
12
Nilai yang dibaca : 12
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```



```
//NIM : 13020200303
//NAMA : UMINAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.30 AM

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
//import javax.swing.*;
public class Bacakar {
/*
 * @param args
 * @throws IOException
 */
public static void main(String[] args) throws IOException {
// TODO Auto-generated method stub
/* Kamus */
char cc;
int bil;
InputStreamReader isr = new InputStreamReader(System.in);
BufferedReader dataIn = new BufferedReader(isr);
// atau
BufferedReader dataIn = new BufferedReader(new
InputStreamReader(System.in));
/* Algoritma */
System.out.print("hello\n");
System.out.print("baca 1 karakter : ");
//perintah baca karakter cc
cc =dataIn.readLine().charAt(0);
System.out.print("baca 1 bilangan : ");
//perintah baca bil
bil =dataIn.parseInt(dataIn.readLine());
/*string kar JOptionPane.showInputDialog("Karakter 1 : ");
System.out.println(kar);*/
//JOptionPane.showMessageDialog(null, "hello");
System.out.print (cc +"\n" +bil+"\n");
System.out.print ("bye \n");
}
}

Ln 18, Col 9
```

```

C:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.31    <DIR>      .
21/03/2022  20.10    <DIR>      ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNI.class
21/03/2022  20.20          939 ASIGNI.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.095 Bacakar.java
21/03/2022      9 File(s)   7.544 bytes
21/03/2022      2 Dir(s)  369.705.385.984 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Bacakar.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Bacakar.java
hello
baca 1 karakter : B
baca 1 bilangan : 12
B
12
bye

22°C Hujan sedang
Casting1 - Notepad
File Edit View
21/03/2022 20.33 21
Ln 16, Col 15
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.30 AM

/*Casting menggunakan tipe data primitif*/
public class Casting1 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
int a=5,b=6;
float d=1.1e3.2f;
char g='5';
double k=3.14;
System.out.println((float)a); // int -- float
System.out.println((double)b); // int -- double
System.out.println((int)d); // float -- int
System.out.println((double)e); // float -- double
System.out.println((int)g); // char -- int (ASCII)
System.out.println((float)g); // char -- float (ASCII)
System.out.println((double)e);
System.out.println((int)k); // double -- int
System.out.println((float)k); // double -- float
}
}

22°C Hujan sedang
21/03/2022 20.35 21

```

```
c:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.34      <DIR>          .
21/03/2022  20.10      <DIR>          ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNi.class
21/03/2022  20.20          939 ASIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.34          801 Casting1.java
               11 File(s)   9.757 bytes
               2 Dir(s)  369.686.163.456 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting1.java
error: Class names, 'Casting1.java', are only accepted if annotation processing is explicitly requested
1 error

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting1.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Casting1.java

22°C
Hujan sedang
20.36 21
21/03/2022

c:\ Command Prompt
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNi.class
21/03/2022  20.20          939 ASIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.34          801 Casting1.java
               11 File(s)   9.757 bytes
               2 Dir(s)  369.686.163.456 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting1.java
error: Class names, 'Casting1.java', are only accepted if annotation processing is explicitly requested
1 error

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting1.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Casting1.java
5.0
6.0
2
3.20000047683716
53
53.0
53.0
3
3.14

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

SQL File 3

```

1 • create database Akademik_1300303;
2 use Akademik_1300303;
3
4 ① create table mhs(stb varchar(12) primary key, Nama varchar(30), Alamat varchar(100),
5   jk enum('L','P'));
6 desc mhs;
7

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 16 × Result 17 × mhs 18 × Result 19 × Result 20

Field	Type	Null	Key	Default	Extra
stb	varchar(12)	NO	PRI		HULL
Nama	varchar(30)	YES			HULL
Alamat	varchar(100)	YES			HULL
jk	enum('L','P')	YES			HULL

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:29:16	create database Akademik_1300303	1 row(s) affected	0.015 sec
2	08:29:16	use Akademik_1300303	0 row(s) affected	0.000 sec
3	08:29:16	create table mhs(stb varchar(12) primary key, Nama varchar(30), Alamat varchar(100), jk enum('L','P'))	0 row(s) affected	0.032 sec
4	08:29:16	desc mhs	4 row(s) returned	0.015 sec / 0.000 sec
5	08:29:16	create table history_alamat_mhs(waktu datetime, stb varchar(12), alamat text, oleh varchar(50))	0 row(s) affected	0.031 sec
6	08:29:16	desc history_alamat_mhs	4 row(s) returned	0.000 sec / 0.000 sec

No object selected

Object Info Session

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

SQL File 3

```

7
8 ① create table history_alamat_mhs(waktu datetime, stb varchar(12),
9   foreign key (stb) references mhs(stb), alamat text, oleh varchar(50));
10 desc history_alamat_mhs;
11
12 insert into mhs values
13 ('13020170001','Seotario Saeita','Jl. aa No. 1','L');

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result 16 × Result 17 × mhs 18 × Result 19 × Result 20

Field	Type	Null	Key	Default	Extra
waktu	datetime	YES			HULL
stb	varchar(12)	YES	MUL		HULL
alamat	text	YES			HULL
oleh	varchar(50)	YES			HULL

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:29:16	create database Akademik_1300303	1 row(s) affected	0.015 sec
2	08:29:16	use Akademik_1300303	0 row(s) affected	0.000 sec
3	08:29:16	create table mhs(stb varchar(12) primary key, Nama varchar(30), Alamat varchar(100), jk enum('L','P'))	0 row(s) affected	0.032 sec
4	08:29:16	desc mhs	4 row(s) returned	0.015 sec / 0.000 sec
5	08:29:16	create table history_alamat_mhs(waktu datetime, stb varchar(12), foreign key (stb) r...	0 row(s) affected	0.031 sec
6	08:29:16	desc history_alamat_mhs	4 row(s) returned	0.000 sec / 0.000 sec

No object selected

Object Info Session

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas

SQL File 3

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

SQL File 1:

```

11
12    insert into mhs values
13    ('13020170001','Septario Sagita','Jl. aa No. 1','L'),
14    ('13020170002','Taurio Taufik N','Jl. aa No. 2','L'),
15    ('13020170003','Irfan Fajarudy','Jl. aa No. 3','L')
16    select *from mhs;
17

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid

stb	Nama	Alamat	jk
13020170001	Septario Sagita	Jl. aa No. 1	L
13020170002	Taurio Taufik N	Jl. aa No. 2	L
13020170003	Irfan Fajarudy	Jl. aa No. 3	L
	MHS	MHS	MHS

Administration Schemas Information

No object selected

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:29:16	create database Akademik_1300303	1 row(s) affected	0.015 sec
2	08:29:16	use Akademik_1300303	0 row(s) affected	0.000 sec
3	08:29:16	create table mhs(stb varchar(12) primary key, Nama varchar(30), Alamat varchar(10...)	0 row(s) affected	0.032 sec
4	08:29:16	desc mhs	4 row(s) returned	0.015 sec / 0.000 sec
5	08:29:16	create table_history_alamat_mhs(waktu datetime, stb varchar(12), foreign key (stb) r...	0 row(s) affected	0.031 sec
6	08:29:16	desc history_alamat_mhs	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS

SQL File 1:

```

21
22    for each row
23        begin
24            if old.alamat <> new.alamat then
25                insert into history_alamat_mhs
26                    values (now(), old.stb, old.alamat, user());
27            end if;
28        end //

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid

stb	Nama	Alamat	jk
13020170001	Septario Sagita	Jl. aa No. 1	L
13020170002	Taurio Taufik N	Jl. aa No. 2	L

Administration Schemas Information

No object selected

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	08:29:16	Insert into mhs values ('13020170001','Septario Sagita','Jl. aa No. 1','L'), ('13020170002','Taurio Taufik N','Jl. aa No. 2','L')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
8	08:29:16	select *from mhs LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
9	08:29:16	create trigger trig_update_mhs after update on mhs for each row begin if old.alamat ...	0 row(s) affected	0.000 sec
10	08:29:16	create trigger trig_delete_mhs before delete on mhs for each row begin delete from ...	0 row(s) affected	0.000 sec
11	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_al...	1 row(s) affected	0.000 sec
12	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_al...	2 row(s) returned	- / 0.000 sec

Object Info Session

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS Filter objects

SQL File 3:

```

40  end //
41
42  delete from mhs where stb='13020170003';
43  select *from mhs;
44
45  select *from history_alamat_mhs;

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
7	08:29:16	insert into mhs values ('13020170001','Septario Sagita','Jl. aa No. 1','L'), ('13020170002','Septario Sagita','Jl. aa No. 2','L')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
8	08:29:16	select *from mhs LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
9	08:29:16	create trigger trig_update_mhs after update on mhs for each row begin if old.alamat <> new.alamat then insert into history_alamat_mhs values (now(), old.stb, old.alamat, user()); end if; end //	0 row(s) affected	0.000 sec
10	08:29:16	create trigger trig_delete_mhs before delete on mhs for each row begin delete from mhs where stb=old.stb; end if;	0 row(s) affected	0.000 sec
11	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	1 row(s) affected	0.000 sec
12	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	2 row(s) returned	- / 0.000 sec

Object Info Session

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: SCHEMAS Filter objects

SQL File 3:

```

17
18  delimiter //
19  create trigger trig_update_mhs
20  after update on mhs
21  for each row
22  begin
23  if old.alamat <> new.alamat then
24  insert into history_alamat_mhs
25  values (now(), old.stb, old.alamat, user());
26  end if;
27  end //
28
29  update mhs set alamat='BTP' where stb='13020170001';
30  update mhs set alamat='Antang' where stb='13020170002';

```

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
7	08:29:16	insert into mhs values ('13020170001','Septario Sagita','Jl. aa No. 1','L'), ('13020170002','Septario Sagita','Jl. aa No. 2','L')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
8	08:29:16	select *from mhs LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
9	08:29:16	create trigger trig_update_mhs after update on mhs for each row begin if old.alamat <> new.alamat then insert into history_alamat_mhs values (now(), old.stb, old.alamat, user()); end if; end //	0 row(s) affected	0.000 sec
10	08:29:16	create trigger trig_delete_mhs before delete on mhs for each row begin delete from mhs where stb=old.stb; end if;	0 row(s) affected	0.000 sec
11	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	1 row(s) affected	0.000 sec
12	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	2 row(s) returned	- / 0.000 sec

Object Info Session

Type here to search

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator: Schemas

SQL File 3\*

```

26     end if;
27 end //
28
29 update mhs set alamat='BTP' where stb='13020170001';
30 update mhs set alamat='Antang' where stb='13020170002';
31 update mhs set alamat='Baruga' where stb='13020170003';
32 select *from history_alamat_mhs;
33
34 delimiter //
35 create trigger trig_delete_mhs
36 before delete on mhs
37 for each row
38 begin
39     delete from history_alamat_mhs where stb=old.stb;

```

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
7	08:29:16	insert into mhs values ('13020170001','Septario Sagita','Jl. aa No. 1'L), ('13020170002','Haryati','Jl. bb No. 2'), ('13020170003','Baruga','Jl. cc No. 3')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
8	08:29:16	select *from mhs LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
9	08:29:16	create trigger trig_update_mhs after update on mhs for each row begin if old.alamat != new.alamat then insert into history_alamat_mhs values (old.stb, old.alamat, new.alamat); end if; end//	0 row(s) affected	0.000 sec
10	08:29:16	create trigger trig_delete_mhs before delete on mhs for each row begin delete from history_alamat_mhs where stb=old.stb;	0 row(s) affected	0.000 sec
11	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	1 row(s) affected	0.000 sec
12	08:29:17	delete from mhs where stb='13020170003'; select *from mhs; select *from history_alamat_mhs;	2 row(s) returned	- / 0.000 sec

Object Info Session

Type here to search

Casting2 - Notepad

File Edit View

```

//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.37 AM

/*Casting menggunakan tipe data Class*/
public class Casting2 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
int a=8,b=9;
float c=1.1f,e=3.2f;
char g='5';
double k=3.14;
String n="67",m="45", l="100";
a = Integer.parseInt(n); /*Konversi String ke Integer*/
k = Double.parseDouble(m); /*Konversi String ke Double*/
d = Float.parseFloat(l); /*Konversi String ke Float*/
System.out.println("a : "+a+"\n k : "+k+"\n d : "+d);
n = String.valueOf(b); /*Konversi Integer ke String*/
m = String.valueOf(g); /*Konversi Character ke String*/
l = String.valueOf(c); /*Konversi Float ke String*/
System.out.println("n : "+n+"\nm : "+m+"\nl : "+l);
K = double.valueOf(a).intValue(); /*Konversi Integer ke Double*/
double c = Integer.valueOf(b).doubleValue();
System.out.println("K : "+k+"\nc : "+c+"\nl : "+l);
}
}

```

Ln 32, Col 1

100% Windows (CRLF) UTF-8

22°C Hujan sedang 20.38 21 21/03/2022

```
c:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.38      <DIR>          .
21/03/2022  20.18      <DIR>          ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNi.class
21/03/2022  20.20          939 ASIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          976 Casting2.java
               13 File(s)   11.305 bytes
               2 Dir(s)  369.688.944.640 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting2.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Casting2.java
a : 67
k : 45.0

22°C
Hujan sedang
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNi.class
21/03/2022  20.20          939 ASIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          976 Casting2.java
               13 File(s)   11.305 bytes
               2 Dir(s)  369.688.944.640 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Casting2.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Casting2.java
a : 67
k : 45.0
d : 100.0
n : 9
m : 5
l : 3.2
K : 67.0
c : 9.0
i : 3.2

22°C
Hujan sedang
21/03/2022  20.40  21
```

Ekspresi - Notepad

File Edit View

```
//NIM : 13020200303  
//NAMA : UMMIAH  
// HARI/TANGGAL: SENIN, 21 MARET 2022  
// WAKTU: 08.41 AM  
  
/* pemakaian operator kondisional */  
public class Ekspresi {  
    /*  
     * @param args  
     */  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        /* KAMUS */  
        int x = 1;  
        int y = 2;  
        /* ALGORITMA */  
        System.out.print("x = "+ x + "\n");  
        System.out.print("y = "+ y + "\n");  
        System.out.print("hasil ekspresi = " + ((x < y) ? x : y) + "  
        x : y); /*gunakan dalam kurung <(statement dan kondisi)> untuk menyatakan  
        satu kesatuan pernyataan*/  
    }  
}
```

Ln 24, Col 1

24°C Hujan ringan

Windows (CRLF) 100% UTF-8

20.43 21 21/03/2022

Command Prompt

Microsoft Windows [Version 10.0.22000.556]  
(c) Microsoft Corporation. All rights reserved.

```
C:\Users\Lenovo>notepad  
C:\Users\Lenovo>cd..  
C:\Users>cd..  
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek  
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir  
Volume in drive C is Windows-SSD  
Volume Serial Number is D256-C64B  
  
Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek  
  
21/03/2022 20.42 <DIR> .  
21/03/2022 20.10 <DIR> ..  
21/03/2022 20.14 876 Asgdll.class  
21/03/2022 20.13 352 Asgdll.java  
21/03/2022 20.18 889 Asign.class  
21/03/2022 20.17 345 Asign.java  
21/03/2022 20.21 1.371 ASTGNI.class  
21/03/2022 20.20 939 ASTGNI.java  
21/03/2022 20.25 1.073 BacaData.class  
21/03/2022 20.24 604 BacaData.java  
21/03/2022 20.31 1.412 Bacakan.class  
21/03/2022 20.31 1.095 Bacakan.java  
21/03/2022 20.35 572 Casting1.class  
21/03/2022 20.34 801 Casting1.java  
21/03/2022 20.38 1.748 Casting2.class  
21/03/2022 20.38 976 Casting2.java  
21/03/2022 20.42 564 Ekspresi.java  
15 File(s) 13.617 bytes  
2 Dir(s) 369.696.620.544 bytes free  
  
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Ekspresi.java  
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Ekspresi.java
```

24°C Hujan ringan

Windows (CRLF) 100% UTF-8

20.44 21 21/03/2022

```
C:\ Command Prompt
Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.42      <DIR>          .
21/03/2022  20.19      <DIR>          ..
21/03/2022  20.14          876 Asg.dll.class
21/03/2022  20.13          352 Asg.dll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNI.class
21/03/2022  20.20          939 ASIGNI.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.42          564 Ekspresi.java
15 File(s)   13.617 bytes
2 Dir(s)  369.696.620.544 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Ekspresi.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Ekspresi.java
x = 1
y = 2
hasil ekspresi = (x/y)?x:y = 1
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

The screenshot shows a Windows desktop environment. At the top is a taskbar with various icons for system functions like battery status, signal strength, and date/time (21/03/2022, 20:44). Below the taskbar are two windows: a Command Prompt window on top containing Java code and its execution results, and a Notepad window titled 'Ekspresi1 - Notepad' below it displaying the same code. Both windows have standard Windows-style borders and title bars. The desktop background is a light color.

```
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.45 AM

/* pembagian integer, casting */
public class Ekspresi1 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* KAMUS */
int x=1, int y = 2; float fx; float fy;
/* ALGORITMA */
System.out.print ("\nx/y (format integer) = "+ x/y);
System.out.print ("\nx/y (format float) = "+ x/y);
/* supaya hasilnya tidak nol */
fx=x;
fy=y;
System.out.print ("\n\nx/y (format integer) = "+ fx/fy);
System.out.print ("\n\nx/y (format float) = "+ fx/fy);
/*
System.out.print ("\nfloat(x)/float(y) (format integer) = "+(float)x/(float)y);
System.out.print ("\nfloat(x)/float(y) (format float) = "+(float)x/(float)y);
*/
x = 10; y = 3;
System.out.print ("\n\nx/y (format integer) = "+ x/y);
System.out.print ("\n\nx/y (format float) = "+ x/y);
}
}
```

Ln 32, Col 2

100% Windows (CRLF) UTF-8

24°C Hujan ringan 20.47 21 21/03/2022

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>notepad

C:\Users\Lenovo>cd..

C:\Users>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.46    <DIR>      .
21/03/2022  20.10    <DIR>      ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASTGNI.class
21/03/2022  20.20          939 ASTGNI.java
21/03/2022  20.24          604 Bacadata.class
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.46          907 Ekspresi1.java
               17 File(s)   15.576 bytes
               2 Dir(s)  369.690.476.544 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Ekspresi1.java

24°C
Hujan ringan
20.48 21 21/03/2022

C:\ Command Prompt
Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.46    <DIR>      .
21/03/2022  20.10    <DIR>      ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASTGNI.class
21/03/2022  20.20          939 ASTGNI.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.46          907 Ekspresi1.java
               17 File(s)   15.576 bytes
               2 Dir(s)  369.690.476.544 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Ekspresi1.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Ekspresi1.java
x/y (format integer) = 0
x/y (format float) = 0
x/y (format integer) = 0.5
x/y (format float) = 0.5
float(x)/float(y) (format integer) = 0.5
float(x)/float(y) (format float) = 0.5
x/y (format integer) = 3
x/y (format float) = 3
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

The screenshot shows a Windows desktop environment with two open windows. The top window is a Notepad titled "Hello - Notepad" containing Java code for a "Hello" application. The bottom window is a Command Prompt window showing the execution of the Java code and its output.

Notepad Content (Hello.java):

```
//NIM : 13020200303  
//NAMA : UMMIAH  
// HARI/TANGGAL: SENIN, 21 MARET 2022  
// WAKTU: 08.49 AM  
  
public class Hello {  
    /*  
     * @param args  
     */  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        /* menuliskan hello ke layar */  
        System.out.print("Hello");  
        /* menuliskan hello dan ganti baris*/  
        System.out.print("\nHello ");  
        /* menuliskan hello dan ganti baris*/  
        System.out.println("world");  
        System.out.println("Welcome");  
    }  
}
```

Command Prompt Output:

```
Ln 20, Col 2  
24°C Hujan ringan 100% Windows (CRLF) UTF-8 20.51 21 21/03/2022  
Command Prompt  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\Lenovo>notepad  
C:\Users\Lenovo>cd..  
C:\Users>cd..  
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek  
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir  
Volume in drive C is Windows-SSD  
Volume Serial Number is D256-CE4B  
Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek  
21/03/2022 20.50 <DIR> .  
21/03/2022 20.10 <DIR> ..  
21/03/2022 20.14 876 Asgdll.class  
21/03/2022 20.13 352 Asgdll.java  
21/03/2022 20.18 889 Asign.class  
21/03/2022 20.17 345 Asign.java  
21/03/2022 20.21 1.371 ASTGNi.class  
21/03/2022 20.20 939 ASTGNi.java  
21/03/2022 20.25 1.073 BacaData.class  
21/03/2022 20.24 604 BacaData.java  
21/03/2022 20.31 1.412 Bacakan.class  
21/03/2022 20.31 1.095 Bacakan.java  
21/03/2022 20.35 572 Casting1.class  
21/03/2022 20.34 801 Casting1.java  
21/03/2022 20.38 1.748 Casting2.class  
21/03/2022 20.38 976 Casting2.java  
21/03/2022 20.43 1.052 Ekspresi.class  
21/03/2022 20.42 564 Ekspresi.java  
21/03/2022 20.47 1.258 Ekspresi.class  
21/03/2022 20.46 907 Ekspresi.java  
21/03/2022 20.50 459 Hello.java  
19 File(s) 17.293 bytes  
2 Dir(s) 369.686.876.160 bytes free  
24°C Hujan ringan 100% Windows (CRLF) UTF-8 20.51 21 21/03/2022
```

```
C:\ Command Prompt
21/03/2022 20.21      1.371 ASIGNi.class
21/03/2022 20.20      939 ASIGNi.java
21/03/2022 20.25      1.073 Bacadata.class
21/03/2022 20.24      604 Bacadata.java
21/03/2022 20.31      1.412 Bacakar.class
21/03/2022 20.31      1.095 Bacakar.java
21/03/2022 20.35      572 Casting1.class
21/03/2022 20.34      801 Casting1.java
21/03/2022 20.38      1.748 Casting2.class
21/03/2022 20.38      976 Casting2.java
21/03/2022 20.43      1.052 Ekspresi.class
21/03/2022 20.42      564 Ekspresi.java
21/03/2022 20.47      1.258 Ekspresi1.class
21/03/2022 20.46      907 Ekspresi1.java
21/03/2022 20.50      459 Hello.java
19 File(s)   17.293 bytes
2 Dir(s)  369.686.876.160 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Hello.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Hello.java
Hello
Hello World
Welcome

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

```
24°C Hujan ringan
Incr - Notepad
File Edit View
^ 20.52 21/03/2022
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.53 AM

/* Effek dari operator ++ */
public class Incr {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* Kamus */
int i, j;
/* Program */
i = 3;
j = i++;
System.out.println("Nilai i : " + (++i) +
"\nNilai j : " + j);
}
}

Ln 22, Col 1
100% Windows (CRLF) UTF-8
24°C Hujan ringan
^ 20.54 21/03/2022
```

```
C:\ Command Prompt
C:\Users\Lenovo>notepad
C:\Users\Lenovo>cd..
C:\Users>cd..
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  20.53    <DIR> .
21/03/2022  20.10    <DIR> ..
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.15          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASTIGNi.class
21/03/2022  20.20          939 ASTIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.47          1.258 Ekspresi.class
21/03/2022  20.46          907 Ekspresi.java
21/03/2022  20.51          492 Hello.class
21/03/2022  20.50          459 Hello.java
21/03/2022  20.53          382 Incr.java
21 File(s)           18.167 bytes
2 Dir(s)   369.710.485.504 bytes free
```

```
24°C
Hujan ringan
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASTIGNi.class
21/03/2022  20.20          939 ASTIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.47          1.258 Ekspresi.class
21/03/2022  20.46          907 Ekspresi.java
21/03/2022  20.51          492 Hello.class
21/03/2022  20.50          459 Hello.java
21/03/2022  20.53          382 Incr.java
21 File(s)           18.167 bytes
2 Dir(s)   369.710.485.504 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Incr.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Incr.java
Nilai i : 5
Nilai j : 3

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

Oper1 - Notepad

File Edit View

```
/* NIM : 13020200303
// NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 08.56 AM

/* pemakaian beberapa operator terhadap bit */
public class Oper1 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* KAMUS */
int n = 10; /* 1010 */
int x = 1; /* 1 */
int y = 2; /* 10 */
/* ALGORITMA */
System.out.println ("n = "+ n);
System.out.println ("x = "+ x);
System.out.println ("y = "+ y);
System.out.println ("n & 8 = "+ (n & 8)); /* 1010 AND 1000 */
System.out.println ("x & ~ 8 = "+ (x & ~8)); /* 1 AND 0111 */
System.out.println ("y << 2 = "+ (y <<2)); /* 10 => 1000 = 8 */
System.out.println ("y >> 3 = "+ (y >>3)); /* 10 => 0000 = 0 */
}
}
```

Ln 24, Col 54

24°C Hujan ringan

Windows (CRLF) 100% UTF-8

20.58 21 21/03/2022

Command Prompt

C:\Users\Lenovo>cd..

C:\Users\Lenovo>cd..

C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir

Volume in drive C is Windows-SSD  
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

```
21/03/2022 20.57 <DIR> .
21/03/2022 20.10 <DIR> ..
21/03/2022 20.14 876 Asgdll.class
21/03/2022 20.13 352 Asgdll.java
21/03/2022 20.18 889 Asign.class
21/03/2022 20.17 345 Asign.java
21/03/2022 20.21 1.371 ASIGNi.class
21/03/2022 20.20 939 ASIGNi.java
21/03/2022 20.25 1.073 Bacadata.class
21/03/2022 20.24 604 Bacadata.java
21/03/2022 20.31 1.412 Bacakan.class
21/03/2022 20.31 1.095 Bacakan.java
21/03/2022 20.35 572 Casting1.class
21/03/2022 20.34 801 Casting1.java
21/03/2022 20.38 1.748 Casting2.class
21/03/2022 20.38 976 Casting2.java
21/03/2022 20.43 1.052 Ekspresi.class
21/03/2022 20.42 564 Ekspresi.java
21/03/2022 20.47 1.258 Ekspresi1.class
21/03/2022 20.46 907 Ekspresi1.java
21/03/2022 20.51 492 Hello.class
21/03/2022 20.50 459 Hello.java
21/03/2022 20.54 872 Incr.class
21/03/2022 20.53 382 Incr.java
21/03/2022 20.57 738 Oper1.java
23 File(s) 19.769 bytes
2 Dir(s) 369.700.667.392 bytes free
```

24°C Hujan ringan

Windows (CRLF) 100% UTF-8

20.59 21 21/03/2022

```
C:\ Command Prompt
21/03/2022 20.29      939 ASIGNI.java
21/03/2022 20.25      1.073 Bacadata.class
21/03/2022 20.24      604 Bacadata.java
21/03/2022 20.31      1.412 Bacakar.class
21/03/2022 20.31      1.095 Bacakar.java
21/03/2022 20.35      572 Casting1.class
21/03/2022 20.34      801 Casting1.java
21/03/2022 20.38      1.748 Casting2.class
21/03/2022 20.38      976 Casting2.java
21/03/2022 20.43      1.052 Ekspresi.class
21/03/2022 20.42      564 Ekspresi.java
21/03/2022 20.47      1.258 Ekspresi1.class
21/03/2022 20.46      907 Ekspresi1.java
21/03/2022 20.51      492 Hello.class
21/03/2022 20.50      459 Hello.java
21/03/2022 20.54      872 Incr.class
21/03/2022 20.53      382 Incr.java
21/03/2022 20.57      738 Oper1.java
21/03/2022            23 File(s)   19.769 bytes
                           2 Dir(s)  369.700.667.392 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Oper1.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Oper1.java
n = 10
x = 1
y = 2
n & 8 = 8
x & ~8 = 1
y << 2 = 8
y >> 3 = 0

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

```
//NIM : 13020200303
//NAMA : UMINAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 09.00 AM

/* pemakaian beberapa operator terhadap RELATIONAL DAN bit */
public class Oper2 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* KAMUS */
char i,j;
/* ALGORITMA */
i = 3; /* 00000011 dalam biner */
j = 4; /* 00000100 dalam biner */

System.out.println("i = "+ (int) i);
System.out.println("j = "+ j);
System.out.println("i & j = "+ (i & j)); /* 0: 00000000 dalam biner */
System.out.println("i | j = "+ (i | j)); /* 7:00000111 biner */
System.out.println("i ^ j = "+ (i ^ j)); /* 7:00000111 biner ingat!!! operator "^" pada bahasa java bukan sebagai pangkat*/
System.out.println(Math.pow(i, j)); /* class Math memiliki method pow(a,b) untuk pemangkatan*/
System.out.println("-i = "+ -i); /* -4: 11111100 biner */
}
}

Ln 25, Col 51
```

```
C:\ Command Prompt
C:\Users>cd..
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is D256-CE4B

 Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022  21.02    <DIR>
21/03/2022  20.10    <DIR>
21/03/2022  20.14          876 Asgdll.class
21/03/2022  20.13          352 Asgdll.java
21/03/2022  20.18          889 Asign.class
21/03/2022  20.17          345 Asign.java
21/03/2022  20.21          1.371 ASIGNi.class
21/03/2022  20.20          939 ASIGNi.java
21/03/2022  20.25          1.073 Bacadata.class
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.47          1.258 Ekspresi1.class
21/03/2022  20.46          907 Ekspresi1.java
21/03/2022  20.51          492 Hello.class
21/03/2022  20.50          459 Hello.java
21/03/2022  20.54          872 Incr.class
21/03/2022  20.53          382 Incr.java
21/03/2022  20.58          1.113 Oper1.class
21/03/2022  20.57          738 Oper1.java
21/03/2022  21.02          895 Oper2.java
25 File(s)           21.777 bytes
2 Dir(s)   369.696.690.176 bytes free
```

```
24°C
Hujan ringan
21/03/2022  20.24          604 Bacadata.java
21/03/2022  20.31          1.412 Bacakan.class
21/03/2022  20.31          1.095 Bacakan.java
21/03/2022  20.35          572 Casting1.class
21/03/2022  20.34          801 Casting1.java
21/03/2022  20.38          1.748 Casting2.class
21/03/2022  20.38          976 Casting2.java
21/03/2022  20.43          1.052 Ekspresi.class
21/03/2022  20.42          564 Ekspresi.java
21/03/2022  20.47          1.258 Ekspresi1.class
21/03/2022  20.46          907 Ekspresi1.java
21/03/2022  20.51          492 Hello.class
21/03/2022  20.50          459 Hello.java
21/03/2022  20.54          872 Incr.class
21/03/2022  20.53          382 Incr.java
21/03/2022  20.58          1.113 Oper1.class
21/03/2022  20.57          738 Oper1.java
21/03/2022  21.02          895 Oper2.java
25 File(s)           21.777 bytes
2 Dir(s)   369.696.690.176 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Oper2.java
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Oper2.java
i = 3
j = 4
i & j = 8
i | j = 7
i ^ j = 7
81.0
~i = -4

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

Oper3 - Notepad

File Edit View

```
//NIM : 13020200303
//NAMA : UMMIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 09.05 AM

public class Oper3 {
    /*
    * @param args
    */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Algoritma */
        if (true && true){ System.out.println(true && true); }
        /* true = true and true */
        if (true & true) { System.out.println(true & false); } /*
        true & true */
        if (true) { System.out.println(true); } /* true
        */
        if (true || true){ System.out.println(true); } /* true
        = true or true */
        if (true|false) { System.out.println(true|false); } /* true|false */
    }
}
```

Ln 25, Col 1

24°C Hujan ringan

Windows (CRLF) 100% 21.06 21/03/2022

Command Prompt

```
C:\>cd C:\Users\Lenovo\Documents\Pemrograman berorientasi objek
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>dir
Volume in drive C is Windows-SSD
Volume Serial Number is D250-CE4B

Directory of C:\Users\Lenovo\Documents\Pemrograman berorientasi objek

21/03/2022 21.05 <DIR> .
21/03/2022 20.10 <DIR> .
21/03/2022 20.14 876 Asgdll.class
21/03/2022 20.13 352 Asgdll.java
21/03/2022 20.18 889 Asign.class
21/03/2022 20.17 345 Asign.java
21/03/2022 20.21 1.371 ASIGNi.class
21/03/2022 20.20 939 ASIGNi.java
21/03/2022 20.25 1.073 Bacadata.class
21/03/2022 20.24 604 Bacadata.java
21/03/2022 20.31 1.412 Bacakan.class
21/03/2022 20.31 1.095 Bacakan.java
21/03/2022 20.35 572 Casting1.class
21/03/2022 20.34 801 Casting1.java
21/03/2022 20.38 1.748 Casting2.class
21/03/2022 20.38 976 Casting2.java
21/03/2022 20.43 1.052 Ekspresi.class
21/03/2022 20.42 564 Ekspresi.java
21/03/2022 20.47 1.258 Ekspresi.class
21/03/2022 20.46 907 Ekspresi.java
21/03/2022 20.51 492 Hello.class
21/03/2022 20.50 459 Hello.java
21/03/2022 20.54 872 Incr.class
21/03/2022 20.53 382 Incr.java
21/03/2022 20.58 1.113 Oper1.class
21/03/2022 20.57 730 Oper1.java
21/03/2022 21.03 1.167 Oper2.class
21/03/2022 21.02 895 Oper2.java
21/03/2022 21.05 608 Oper3.java
27 File(s) 23.552 bytes
2 Dir(s) 369.686.347.776 bytes free
```

24°C Hujan ringan

21.07 21/03/2022

Command Prompt

```

21/03/2022 20:28      939 ASIGNI.java
21/03/2022 20:25      1.073 Bacadata.class
21/03/2022 20:24      604 Bacadata.java
21/03/2022 20:31      1.412 Bacakar.class
21/03/2022 20:31      1.095 Bacakar.java
21/03/2022 20:35      572 Casting1.class
21/03/2022 20:34      801 Casting1.java
21/03/2022 20:38      1.748 Casting2.class
21/03/2022 20:38      976 Casting2.java
21/03/2022 20:43      1.052 Ekspresi.class
21/03/2022 20:42      564 Ekspresi.java
21/03/2022 20:47      1.258 Ekspresi1.class
21/03/2022 20:46      907 Ekspresi1.java
21/03/2022 20:51      492 Hello.class
21/03/2022 20:50      459 Hello.java
21/03/2022 20:54      872 Incr.class
21/03/2022 20:53      382 Incr.java
21/03/2022 20:58      1.113 Oper1.class
21/03/2022 20:57      736 Oper1.java
21/03/2022 21:03      1.167 Oper2.class
21/03/2022 21:02      895 Oper2.java
21/03/2022 21:05      608 Oper3.java
27 File(s)   23.552 bytes
2 Dir(s)   369.686.347.776 bytes free

```

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Oper3.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Oper3.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Oper3.java

true  
false  
true  
true  
true

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>

24°C Hujan ringan 21/03/2022 21:07

Oper4 - Notepad

File Edit View

```

//NIM : 13020200303
//NAMA : UMINAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 09:08 AM

/* Operator terner */
public class Oper4 {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* KAMUS */
int i = 0; /* perhatikan int i,j=0 bukan seperti ini */
int j = 0;
char c = 8; char d = 10;
int e = ((int)c > (int)d) ? c: d;
int k = ((i>j) ? i: j);
/* ALGORITMA */
System.out.print ("\nNilai e = "+ e);
System.out.print ("\nNilai k = "+ k);
i = 2;
j = 1;
k = ((i+j>j++) ? i: j);
System.out.print ("\nNilai k = "+ k);
}
}

```

Ln 28, Col 1 100% Windows (CRLF) UTF-8

24°C Hujan ringan 21/03/2022 21:11 21

```
c:\ Command Prompt
21/03/2022 20.14          876 Asgdll.class
21/03/2022 20.13          352 Asgdll.java
21/03/2022 20.18          889 Asign.class
21/03/2022 20.17          345 Asign.java
21/03/2022 20.21          1.371 ASIGNI.class
21/03/2022 20.20          939 ASIGNI.java
21/03/2022 20.25          1.073 Bacadata.class
21/03/2022 20.24          604 Bacadata.java
21/03/2022 20.31          1.412 Bacakan.class
21/03/2022 20.31          1.095 Bacakan.java
21/03/2022 20.35          572 Casting1.class
21/03/2022 20.34          801 Casting1.java
21/03/2022 20.38          1.748 Casting2.class
21/03/2022 20.38          976 Casting2.java
21/03/2022 20.43          1.052 Ekspresi.class
21/03/2022 20.42          564 Ekspresi.java
21/03/2022 20.47          1.258 Ekspresi.class
21/03/2022 20.46          907 Ekspresi.java
21/03/2022 20.51          492 Hello.class
21/03/2022 20.50          459 Hello.java
21/03/2022 20.54          872 Incr.class
21/03/2022 20.53          382 Incr.java
21/03/2022 20.58          1.113 Oper1.class
21/03/2022 20.57          738 Oper1.java
21/03/2022 21.03          1.167 Oper2.class
21/03/2022 21.02          895 Oper2.java
21/03/2022 21.06          424 Oper3.class
21/03/2022 21.05          608 Oper3.java
21/03/2022 21.09          600 Oper4.java
29 File(s)      24,576 bytes
2 Dir(s)   369,685,189,416 bytes free

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Oper4.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Oper4.java
Nilai e = 10
Nilai k = 0
Nilai k = 4
C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>
```

The screenshot shows a Windows desktop environment. At the top is a taskbar with various pinned icons. Below it is a command prompt window titled 'c:\ Command Prompt' showing Java compilation and execution. To the right is a Notepad window titled 'Operator - Notepad' containing Java code for operators. The Notepad window has tabs for 'File', 'Edit', and 'View'. The code in the Notepad includes comments for date and time, variable declarations, and various operator examples like AND, OR, NOT, XOR, division, multiplication, assignment, relational operators (<, >, ==, !=), and modulus. The code is written in Java and demonstrates how different operators work. The Notepad window also shows line numbers (Ln 42, Col 2) and encoding information (Windows (CRLF), UTF-8). The system tray at the bottom right shows the date (21/03/2022), time (21.15), battery level (21%), and network status.

```
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 09.12 AM

/* Contoh pengoperasian variabel bertipe dasar */
public class Operator {
/*
 * @param args
 */
public static void main(String[] args) {
// TODO Auto-generated method stub
/* Kamus */
boolean Bool1, Bool2, TF ; int i,j, hs1 ;
float x,y,res;
/* algoritma */
System.out.println ("Silahkan baca teksnya dan tambahkan perintah untuk menampilkan output");
Bool1 = true; Bool2 = false;
TF = Bool1 && Bool2 ; /* Boolean AND */
TF = Bool1 || Bool2 ; /* Boolean OR */
TF = ! Bool1 ; /* NOT */
TF = Bool1 ^ Bool2; /* XOR */
/* operasi numerik */
i = 5; j = 2;
hs1 = i+j; hs1 = i - j; hs1 = i / j; hs1 = i * j;
hs1 = i / j ; /* pembagian bulat */
hs1 = i % j ; /* sisa, modulo */
/* operasi numerik */
x = 5 ; y = 5 ;
res = x + y; res = x - y; res = x / y; res = x *
y;
/* operasi relasional numerik */
TF = (i==j); TF = (i!=j);
TF = (i < j); TF = (i > j); TF = (i <= j); TF =
(i >= j);
/* operasi relasional numerik */
TF = (x != y);
TF = (x < y); TF = (x > y); TF = (x <= y); TF =
(x >= y);
}

```

Ln 42, Col 2

23°C Berawan

24°C Hujan ringan

File Edit View

21/03/2022 21.15 21

Operator - Notepad

File Edit View

```

//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 09.12 AM

/* Contoh pengoperasian variabel bertipe dasar */
public class Operator {
    /*param args
    */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        boolean Bool1, Bool2, TF ; int i,j, hs1 ;
        float x,y,res;
        /* algoritma */
        System.out.println ("Silahkan baca teksnya dan tambahkan perintah untuk menampilkan output");
        Bool1 = true; Bool2 = false;
        TF = Bool1 && Bool2 ; /* Boolean AND */
        TF = Bool1 || Bool2 ; /* Boolean OR */
        TF = ! Bool1 ; /* NOT */
        TF = Bool1 ^ Bool2; /* XOR */
        /* operasi numerik */
        i = 5; j = 2 ;
        hs1 = i+j; hs1 = i - j; hs1 = i / j; hs1 = i * j;
        hs1 = i % j ; /* pembagian bulat */
        hs1 = i % j ; /* sisa modulo */
        /* operasi numerik */
        x = 5 ; y = 5 ;
        res = x + y; res = x - y; res = x / y; res = x * y;
        /* operasi relasional numerik */
        TF = (i==j); TF = (i!=j);
        TF = (i < j); TF = (i > j); TF = (i <= j); TF = (i >= j);
        /* operasi relasional numerik */
        TF = (x != y);
        TF = (x < y); TF = (x > y); TF = (x <= y); TF = (x >= y);
    }
}

```

Ln 36, Col 49

23°C Berawan

Windows (CRLF) 100% UTF-8

21.19 21/03/2022

Command Prompt

```

21/03/2022 20.18      889 Asign.class
21/03/2022 20.17      345 Asign.java
21/03/2022 20.21      1.371 ASIGNi.class
21/03/2022 20.20      939 ASIGNi.java
21/03/2022 20.25      1.073 Bacadata.class
21/03/2022 20.24      604 Bacadata.java
21/03/2022 20.31      1.412 Bacakan.class
21/03/2022 20.31      1.095 Bacakan.java
21/03/2022 20.35      572 Casting1.class
21/03/2022 20.34      801 Casting1.java
21/03/2022 20.38      1.748 Casting2.class
21/03/2022 20.38      976 Casting2.java
21/03/2022 20.43      1.052 Ekspresi.class
21/03/2022 20.42      564 Ekspresi.java
21/03/2022 20.47      1.258 Ekspresi.class
21/03/2022 20.46      907 Ekspresi.java
21/03/2022 20.51      492 Hello.class
21/03/2022 20.50      459 Hello.java
21/03/2022 20.54      872 Incr.class
21/03/2022 20.53      382 Incr.java
21/03/2022 20.58      1.113 Oper1.class
21/03/2022 20.57      738 Oper1.java
21/03/2022 21.03      1.167 Oper2.class
21/03/2022 21.02      895 Oper2.java
21/03/2022 21.06      424 Oper3.class
21/03/2022 21.05      608 Oper3.java
21/03/2022 21.10      1.072 Oper4.class
21/03/2022 21.09      600 Oper4.java
21/03/2022 21.17      1.112 Operator.java
21/03/2022 21.18      1.112 Operator.java
32 File(s)          27.872 bytes
2 Dir(s)            369.674.153.984 bytes free

```

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>javac Operator.java

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>java Operator.java

Silahkan baca teksnya dan tambahkan perintah untuk menampilkan output

C:\Users\Lenovo\Documents\Pemrograman berorientasi objek>

23°C Berawan

21.20 21/03/2022

The image shows a Windows desktop environment with two open windows. The top window is a Notepad titled "BacaString - Notepad" containing Java code for reading a string from standard input. The bottom window is a Command Prompt window showing the execution of the Java program.

Notepad Content (BacaString.java):

```
//NIM : 13020200303  
//NAMA : UMNIAH  
// HARI/TANGGAL: SENIN, 21 MARET 2022  
// WAKTU: 09.22 AM  
  
import java.io.BufferedReader;  
import java.io.IOException;  
import java.io.InputStreamReader;  
import javax.swing.*;  
public class BacaString {  
    /*  
     * @param args  
     * @throws IOException  
    */  
    public static void main(String[] args) throws IOException {  
        // TODO Auto-generated method stub  
        /* Kamus */  
        String str;  
        BufferedReader dataIn = new BufferedReader(new  
            InputStreamReader(System.in));  
        /* Program */  
        System.out.print ("\nBaca string dan Integer: \n");  
        System.out.print("masukkan sebuah string: ");  
        str= dataIn.readLine();  
        System.out.print ("String yang dibaca : "+ str);  
    }  
}
```

Command Prompt Output:

```
Ln 28, Col 1  
23°C Berawan  
Windows (CRLF) UTF-8  
21.26 21 21/03/2022  
Command Prompt  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\Lenovo>notepad  
C:\Users\Lenovo>cd..  
C:\Users>cd..  
C:\>cd C:\Users\Lenovo\Documents\PBO_2  
C:\Users\Lenovo\Documents\PBO_2>dir  
Volume in drive C is Windows-SSD  
Volume Serial Number is D258-CE4B  
Directory of C:\Users\Lenovo\Documents\PBO_2  
21/03/2022 21.23 <DIR> .  
21/03/2022 21.21 <DIR> ..  
21/03/2022 21.23 697 BacaString.java  
 1 File(s) 697 bytes  
 2 Dir(s) 369.673.269.248 bytes free  
C:\Users\Lenovo\Documents\PBO_2>javac BacaString.java  
C:\Users\Lenovo\Documents\PBO_2>java BacaString.java  
Baca string dan Integer:  
masukkan sebuah string: Hello dear  
String yang dibaca : Hello dear  
C:\Users\Lenovo\Documents\PBO_2>
```

**JavaApplication3 - Apache NetBeans IDE 12.6**

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

Projects x Files Services <default config>

Start Page x ForEver.java x If1.java x

Source History

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 10.55 AM
5
6 /* contoh pemakaian IF satu kasus */
7 /* membaca nilai integer, menuliskan nilainya jika positif */
8 import java.util.Scanner;
9
10 public class If1 {
11     /*
12     * @param args
13     */
14     public static void main(String[] args) {
15         // TODO Auto-generated method stub
16         /* Kamus */
17         Scanner masukan=new Scanner(System.in);
18         int a;
19         /* Program */
20         System.out.print ("Contoh IF satu kasus \n");

```

If1.java - Navigator x

Members <empty>

- If1
  - If1()
  - main(String[] args)

Output - JavaApplication3 (run) x

run:

```

Contoh IF satu kasus
Ketikkan suatu nilai integer : 1
Nilai a positif
BUILD SUCCESSFUL (total time: 15 seconds)

```

21°C Hujan ringan

INS Windows (CR...) 22.57 21/03/2022

**If2.java - Apache NetBeans IDE 12.6**

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

Projects x Files Services <default config>

Start Page x ForEver.java x If1.java x If2.java x

Source History

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 11.00 AM
5
6 import java.util.Scanner;
7 /* contoh pemakaian IF dua kasus komplementer */
8 /* Membaca sebuah nilai, */
9 /* menuliskan 'Nilai a positif , nilai a', jika a >=0 */
10 /* 'Nilai a negatif , nilai a', jika a <0 */
11 public class If2 {
12     /*
13     * @param args
14     */
15     public static void main(String[] args) {
16         // TODO Auto-generated method stub
17         /* Kamus */
18         int a;
19         Scanner masukan=new Scanner(System.in);

```

If2.java - Navigator x

Members <empty>

- If2
  - If2()
  - main(String[] args)

Output - If2.java (run) x

run:

```

Contoh IF dua kasus
Ketikkan suatu nilai integer :3
Nilai a positif
BUILD SUCCESSFUL (total time: 13 seconds)

```

21°C Hujan ringan

INS Windows (CR...) 26:17 23.01 21/03/2022

The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** If3.java - Apache NetBeans IDE 12.6
- Menu Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help
- Toolbar:** Standard NetBeans icons for file operations.
- Projects Tab:** Shows a project structure with packages like If1, If2, If3, and JavaApplication2, each containing source files (If1.java, If2.java, If3.java).
- Navigator Tab:** Shows members of the current class, including If3 and If3() methods.
- Code Editor:** The main window displays the Java code for If3.java:

```
L/NIM : 130200303
1 // NAMA : UMINIAH
2 // HARI/TANGGAL: SENIN, 21 MARET 2022
3 // WAKTU: 05.27 AM
4
5
6
7 import java.util.Scanner;
8 /* contoh pemakaian IF tiga kasus */ /* Membaca sebuah nilai, */
9 /* menuliskan 'Nilai a positif , nilai a', jika a >0 */
10 /* 'Nilai Nol , nilai a', jika a = 0 */
11 /* 'Nilai a negatif , nilai a', jika a <0 */
12 public class If3 {
13 /**
14 * @param args
15 */
16 public static void main(String[] args) {
17     // TODO Auto-generated method stub
18     /* Kamus */
19     int a;
20     Scanner masukan=new Scanner(System.in);
21     /* Program */
```
- Output Tab:** Shows the run output for If3.java:

```
run:
Contoh IF tiga kasus
Retikkan suatu nilai integer :8
Nilai a positif 8
>> BUILD SUCCESSFUL (total time: 6 seconds)
```
- System Tray:** Shows the date (21/03/2022), time (23.04), battery level (21%), and network status.

The screenshot shows the Java Application7 project in Apache NetBeans IDE 12.6. The code editor displays a Java file named KasusBoolean.java with the following content:

```
/*
 * NIM : 13020200303
 * NAMA : UMMIAH
 * HARI/TANGGAL: SENIN, 21 MARET 2022
 * WAKTU: 09.27 AM
 *
 * Eksperimen kondisional dengan boolean
 */
public class KasusBoolean {
    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Kamus */
        boolean bool;
        /* Algoritma */
        bool = true;
        if(bool) {
            System.out.print("true\n");
        } else
            System.out.print("false\n");
    }
}
```

The Output window shows the results of running the application:

```
run:
true
salah
BUILD SUCCESSFUL (total time: 0 seconds)
```

The status bar at the bottom right shows the date and time as 21/03/2022 23:14.

JavaApplication8 - Apache NetBeans IDE 12.6

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

Start Page ForEver.java If1.java If2.java If3.java KasusBoolean.java KasusSwitch.java

Source History Search (Ctrl+I)

Projects x Files Services <default config>

JavaApplication3  
Source Packages  
javaapplication3  
If1.java  
Libraries  
JavaApplication7  
Source Packages  
javaapplication7  
KasusBoolean.java  
Libraries  
JavaApplication8  
Source Packages  
javaapplication8  
KasusSwitch.java

KasusSwitch.java - Navigator x

Members <empty>

KasusSwitch  
KasusSwitch()  
main(String[] args)

Source History Search (Ctrl+I)

Start Page ForEver.java If1.java If2.java If3.java KasusBoolean.java KasusSwitch.java

Source History Search (Ctrl+I)

2 //NIM : 13020200303  
//NAMA : UMNIAH  
// HARI/TANGGAL: SENIN, 21 MARET 2022  
// WAKTU: 23.18  
import java.util.Scanner;  
public class KasusSwitch {  
/\*  
 \* @param args  
 \*/  
public static void main(String[] args) {  
// TODO Auto-generated method stub  
/\* Kamus \*/  
char cc;  
Scanner masukan=new Scanner(System.in);  
/\* Program \*/  
System.out.print ("Ketikkan sebuah huruf, akhiri dengan RETURN \n");  
cc=masukan.next().charAt(0);  
switch (cc) {  
case 'a': { System.out.print (" Yang anda ketik adalah a \n"); break; }  
}

Output - JavaApplication8 (run) x

run:  
Ketikkan sebuah huruf, akhiri dengan RETURN  
r  
Yang anda ketik adalah huruf mati  
BUILD SUCCESSFUL (total time: 13 seconds)

4:17 INS 23.19 21/03/2022

JavaApplication9 - Apache NetBeans IDE 12.6

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

Start Page ForEver.java If1.java If2.java If3.java KasusBoolean.java KasusSwitch.java Konstant.java

Source History Search (Ctrl+I)

Projects x Files Services <default config>

JavaApplication7  
Source Packages  
javaapplication7  
KasusBoolean.java  
Libraries  
JavaApplication8  
Source Packages  
javaapplication8  
KasusSwitch.java  
Libraries  
JavaApplication9  
Source Packages  
javaapplication9  
Konstant.java

Navigator x

Members <empty>

Konstant  
Konstant()  
main(String[] args)

Source History Search (Ctrl+I)

Start Page ForEver.java If1.java If2.java If3.java KasusBoolean.java KasusSwitch.java Konstant.java

Source History Search (Ctrl+I)

2 //NIM : 13020200303  
//NAMA : UMNIAH  
// HARI/TANGGAL: SENIN, 21 MARET 2022  
// WAKTU: 23.21  
import java.util.Scanner;  
/\* Membaca jari-jari, menghitung luas lingkaran \*/  
/\* latihan pemakainan konstanta \*/  
public class Konstant {  
/\*  
 \* @param args  
 \*/  
public static void main(String[] args) {  
// TODO Auto-generated method stub  
/\* Kamus \*/  
final float PHI = 3.1415f;  
float rr;  
Scanner masukan=new Scanner(System.in);  
/\* program \*/ /\* baca data \*/  
System.out.print ("Jari-jari lingkaran =");

Output - JavaApplication9 (run) x

run:  
Jari-jari lingkaran = 5 cm  
Luas lingkaran = 78.537506  
Akhir program  
BUILD SUCCESSFUL (total time: 2 minutes 33 seconds)

4:16 INS 23.24 21/03/2022

JavaApplication10 - Apache NetBeans IDE 12.6

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

Source History <default config> 412.8/649.0MB Search (Ctrl+I)

Projects Files Services

JavaApplication10 Source Packages Javapplication10 Max2.java Libraries JavaApplication2 Source Packages Javapplication2 ForEver.java Libraries JavaApplication3 Source Packages Javapplication3 If1.java

Navigator x Members Max2 Max2() main(String[] args)

Source History <default config> 412.8/649.0MB Search (Ctrl+I)

...java If1.java If2.java If3.java KasusBoolean.java KasusSwitch.java Konstant.java Max2.java

```
1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.26
5
6 import java.util.Scanner;
7 /* Maksimum dua bilangan yang dibaca */
8 public class Max2 {
9 /**
10  * @param args
11 */
12 public static void main(String[] args) {
13 // TODO Auto-generated method stub
14 /* Kamus */
15 int a, b;
16 Scanner masukan=new Scanner(System.in);
17 /* Program */
18 System.out.print ("Maksimum dua bilangan : \n");
19 System.out.print ("Ketikkan dua bilangan, pisahkan dg RETURN : \n");
```

Output - JavaApplication10 (run) x

```
Maksimum dua bilangan :
Ketikkan dua bilangan, pisahkan dg RETURN :
12
24
Ke dua bilangan : a = 12 b = 24
Nilai b yang maksimum: 24
BUILD SUCCESSFUL (total time: 20 seconds)
```

4:16 23.27 21/03/2022

JavaApplication11 - Apache NetBeans IDE 12.6

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

Source History <default config> 388.7/649.0MB Search (Ctrl+I)

Projects Files Services

JavaApplication10 Source Packages Javapplication10 Max2.java Libraries JavaApplication11 Source Packages Javapplication11 PriFor.java Libraries JavaApplication2 Source Packages Javapplication2 ForEver.java

main - Navigator x Members PriFor PriFor() main(String[] args)

Source History <default config> 388.7/649.0MB Search (Ctrl+I)

...java If2.java If3.java KasusBoolean.java KasusSwitch.java Konstant.java Max2.java PriFor.java

```
1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.26
5
6 import java.util.Scanner;
7 /* Baca N, Print 1 s/d N dengan FOR */
8 public class PriFor {
9 /**
10  * @param args
11 */
12 public static void main(String[] args) {
13 // TODO Auto-generated method stub
14 /* Kamus */
15 int i,N;
16 Scanner masukan=new Scanner(System.in);
17 /* Program */
```

Output - JavaApplication11 (run) x

```
run:
Baca N, print 1 s/d N N = 5
1
2
3
4
5
Akhir program
BUILD SUCCESSFUL (total time: 4 seconds)
```

23:27 23.32 21/03/2022

JavaApplication12 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source History Search (Ctrl+I)

JavaApplication10  
Source Packages  
Javaapplication10  
Max2.java

Javaapplication11  
Source Packages  
Javaapplication11  
PriFor.java

JavaApplication12  
Source Packages  
Javaapplication12  
PrintIterasi.java

Navigator Members PrintIterasi PrintIterasi()  
main(String[] args)

Output - JavaApplication12 (run) x

run:  
Nilai N >0 = 3  
Print i dengan ITERATE :  
1  
2  
3  
BUILD SUCCESSFUL (total time: 8 seconds)

4:16 INS 23.33 21 21/03/2022

```
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 23.33

import java.util.Scanner;
/* Baca N, */
/* Print i = 1 s/d N dengan ITERATE */
public class PrintIterasi {

    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Ramus : */
        int N;
        int i;
    }
}
```

JavaApplication13 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source History Search (Ctrl+I)

JavaApplication11  
Source Packages  
Javaapplication11  
PriFor.java

JavaApplication12  
Source Packages  
Javaapplication12  
PrintIterasi.java

JavaApplication13  
Source Packages  
Javaapplication13  
PrintRepeat.java

Navigator Members PrintRepeat PrintRepeat()  
main(String[] args)

Output - JavaApplication13 (run) x

run:  
Nilai N >0 = 6  
Print i dengan REPEAT:  
1  
2  
3  
4  
5  
6  
BUILD SUCCESSFUL (total time: 20 seconds)

5:1 INS 23.36 21 21/03/2022

```
//NIM : 13020200303
//NAMA : UMNIAH
// HARI/TANGGAL: SENIN, 21 MARET 2022
// WAKTU: 23.26

import java.util.Scanner;
public class PrintRepeat {

    /**
     * @param args
     */
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        /* Ramus : */
        int N;
        int i;
        Scanner masukan=new Scanner(System.in);
        /* Program */
    }
}
```

**JavaApplication14 - Apache NetBeans IDE 12.6**

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

Projects x Files Services <default config>

Source History ...java Konstant.java x Max2.java x PriFor.java x PrintIterasi.java x PrintRepeat.java x PrintWhile.java x

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.38
5
6 import java.util.Scanner;
7 /* Baca N, Print i = 1 s/d N dengan WHILE */
8 public class PrintWhile {
9 /**
10 * @param args
11 */
12 public static void main(String[] args) {
13 // TODO Auto-generated method stub
14 /* Kamus : */
15 int N;
16 int i;
17 Scanner masukan=new Scanner(System.in);

```

Navigator x Members PrintWhile PrintWhile() main(String[] args)

Output - JavaApplication14 (run) x

```

run:
Nilai N >0 = 4
Print i dengan WHILE:
1
2
3
4
BUILD SUCCESSFUL (total time: 15 seconds)

```

4:16 INS Windows (CR...) 23.38 21/03/2022

---

**JavaApplication15 - Apache NetBeans IDE 12.6**

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

Projects x Files Services <default config>

Source History ...java Max2.java x PriFor.java x PrintIterasi.java x PrintRepeat.java x PrintWhile.java x PrintWhile1.java x

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.38
5
6 import java.util.Scanner;
7 /* Baca N, */
8 /* Print i = 1 s/d N dengan while (ringkas) */
9 public class PrintWhile1 {
10 /**
11 * @param args
12 */
13 public static void main(String[] args) {
14 // TODO Auto-generated method stub
15 /* Kamus : */
16 int N;
17 int i = 1;

```

Navigator x Members PrintWhile1 PrintWhile1() main(String[] args)

Output - JavaApplication15 (run) x

```

run:
Nilai N >0 = 2
Print i dengan WHILE (ringkas):
1
2
BUILD SUCCESSFUL (total time: 9 seconds)

```

5:1 INS 23.40 21/03/2022

JavaApplication16 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source Packages Libraries

JavaApplication14 Source Packages Libraries

Javaapplication14 PrintWhile.java

JavaApplication15 Source Packages Libraries

Javaapplication15 PrintWhile1.java

JavaApplication16 Source Packages Libraries

Javaapplication16 PrintXinterasi.java

Navigator x Members PrintXinterasi PrintXinterasi() main(String[] args)

Source History ... PriFor.java PrintIterasi.java PrintRepeat.java PrintWhile.java PrintWhile1.java PrintXinterasi.java

```
1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.42
5
6 import java.util.Scanner;
7 /* contoh baca nilai x */
8 /* Jumlahkan nilai yang dibaca dengan ITERATE */
9 public class PrintXinterasi {
10 /**
11 * @param args
12 */
13 public static void main(String[] args) {
14 // TODO Auto-generated method stub
15 /* Kamus : */
16 int Sum=0;
17 int x;
```

Output - JavaApplication16 (run) x

```
run:
Masukkan nilai x (int), akhiri dg 999 : 10
Masukkan nilai x (int), akhiri dg 999 : 999
Hasil penjumlahan = 10
BUILD SUCCESSFUL (total time: 6 seconds)
```

4:16 INS

JavaApplication16 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source Packages Libraries

JavaApplication14 Source Packages Libraries

Javaapplication14 PrintWhile.java

JavaApplication15 Source Packages Libraries

Javaapplication15 PrintWhile1.java

JavaApplication16 Source Packages Libraries

Javaapplication16 PrintXinterasi.java

Navigator x Members PrintXinterasi PrintXinterasi() main(String[] args)

Source History ... PriFor.java PrintIterasi.java PrintRepeat.java PrintWhile.java PrintWhile1.java PrintXinterasi.java

```
1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.42
5
6 import java.util.Scanner;
7 /* contoh baca nilai x */
8 /* Jumlahkan nilai yang dibaca dengan ITERATE */
9 public class PrintXinterasi {
10 /**
11 * @param args
12 */
13 public static void main(String[] args) {
14 // TODO Auto-generated method stub
15 /* Kamus : */
16 int Sum=0;
17 int x;
```

Output - JavaApplication16 (run) x

```
run:
Masukkan nilai x (int), akhiri dg 999 : 10
Masukkan nilai x (int), akhiri dg 999 : 999
Hasil penjumlahan = 10
BUILD SUCCESSFUL (total time: 6 seconds)
```

4:16 INS

JavaApplication17 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source History ... PrintRepeat.java PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java

...java PrintRepeat.java PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java

Source History ... PrintRepeat.java PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java

1 //NIM : 13020200303  
2 //NAMA : UMNIAH  
3 // HARI/TANGGAL: SENIN, 21 MARET 2022  
4 // WAKTU: 23.46  
5  
6 import java.util.Scanner;  
7 /\* contoh baca nilai x \*/  
8 /\* Jumlahkan nilai yang dibaca dengan ITERATE \*/  
9 public class PrintXRepeat {  
10 /\*  
11 \* @param args  
12 \*/  
13 public static void main(String[] args) {  
14 // TODO Auto-generated method stub  
15 /\* Kamus : \*/  
16 int Sum;  
17 int x;

Output - JavaApplication17 (run) x

run:  
Masukkan nilai x (int), akhiri dg 999 : 12  
Masukkan nilai x (int), akhiri dg 999 : 13  
Masukkan nilai x (int), akhiri dg 999 : 99  
Masukkan nilai x (int), akhiri dg 999 : 999  
Hasil penjumlahan = 124  
BUILD SUCCESSFUL (total time: 16 seconds)

4:16 INS

JavaApplication18 - Apache NetBeans IDE 12.6

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

Projects Files Services <default config>

Source History ... PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java

...java PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java

Source History ... PrintWhile.java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java

1 //NIM : 13020200303  
2 //NAMA : UMNIAH  
3 // HARI/TANGGAL: SENIN, 21 MARET 2022  
4 // WAKTU: 23.50  
5  
6 import java.util.Scanner;  
7 /\* contoh baca nilai x \*/  
8 /\* Jumlahkan nilai yang dibaca dengan WHILE \*/  
9 public class PrintXWhile {  
10 /\*  
11 \* @param args  
12 \*/  
13 public static void main(String[] args) {  
14 // TODO Auto-generated method stub  
15 /\* Kamus : \*/  
16 int Sum;  
17 int x;

Output - JavaApplication18 (run) x

run:  
Masukkan nilai x (int), akhiri dg 999 : 123  
Masukkan nilai x (int), akhiri dg 999 : 12  
Masukkan nilai x (int), akhiri dg 999 : 999  
Hasil penjumlahan = 135  
BUILD SUCCESSFUL (total time: 16 seconds)

16:9 INS Windows (CR...) 23.50 21/03/2022

**JavaApplication19 - Apache NetBeans IDE 12.6**

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

Projects Files Services <default config>

Source History ... 728.5/904.0MB Search (Ctrl+I)

PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java SubProgram.java

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.53
5
6 import java.util.Scanner;
7 /* Contoh program yang mengandung prosedur dan fungsi */
8 /* prosedur/fungsii */
9 public class SubProgram {
10 /**
11 * @param args
12 */
13 public static int maxab (int a, int b){
14 /* mencari maksimum dua bilangan bulat */
15 return ((a >= b) ? a : b);
16 }
17 public static void tukar (int a, int b)

```

Output - JavaApplication19 (run) :

```

Maksimum dua bilangan
Masukkan dua bilangan, pisahkan dg RETURN :
67
22
Kedua bilangan : a = 67 b = 22
Maksimum = 67
Tukar kedua bilangan...
Kedua bilangan setelah tukar: a = 22 b = 67
BUILD SUCCESSFUL (total time: 18 seconds)

```

4:16 INS Windows (CR...) 23.53 21/03/2022

---

**JavaApplication20 - Apache NetBeans IDE 12.6**

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

Projects Files Services <default config>

Source History ... 260.9/787.0MB Search (Ctrl+I)

PrintXinterasi.java PrintXRepeat.java PrintXWhile.java SubProgram.java Tempair.java

```

1 //NIM : 13020200303
2 //NAMA : UMNIAH
3 // HARI/TANGGAL: SENIN, 21 MARET 2022
4 // WAKTU: 23.55
5
6 import java.util.Scanner;
7 /* contoh pemakaian IF tiga kasus : wujud air */
8 public class Tempair {
9 /**
10 * @param args
11 */
12 public static void main(String[] args) {
13 // TODO Auto-generated method stub
14 /* Kasus : */
15 int T;
16 Scanner masukan=new Scanner(System.in);
17 /* Program */

```

Output - JavaApplication20 (run) :

```

run:
Contoh IF tiga kasus
Temperatur (der. C) = 23
Wujud air cair
BUILD SUCCESSFUL (total time: 11 seconds)

```

4:16 INS 23.55 21/03/2022

JavaApplication2 - Apache NetBeans IDE 12.6

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

Projects x Files Services <default config>

Start Page x ForEver.java x If1.java x If2.java x If3.java x KasusBoolean.java x KasusSwitch.java x Konstant... x

Source History Search (Ctrl+I)

247,9/570,0MB

2 //NIM : 13020200303  
2 //NAMA : UMNIAH  
2 // HARI/TANGGAL: SENIN, 21 MARET 2022  
2 // WAKTU: 09.27 AM  
2  
6 public class ForEver {  
7 /\* @param args \*/  
8  
10 public static void main(String[] args) {  
11 // TODO Auto-generated method stub  
12 /\* Program \*/  
13 System.out.println("Program akan looping, akhiri dengan ^c");  
14 while (true)  
15 { System.out.print ("Print satu baris ....\n");  
16 }  
17 }  
18 }

Output - JavaApplication2 (run) x

Print satu baris ....  
Print satu baris ....

JavaApplication2 (run) 1:1 INS 21.06 22/03/2022

ForEver - Navigator x

Members <empty>

ForEver ForEver() main(String[] args)

mengkonversi3 - Apache NetBeans IDE 12.6

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

Projects x Files Services <default config>

Start Page x PrintWhile1.java x PrintXinterasi.java x PrintXRepeat.java x PrintXWhile.java x SubProgram.java x Tempair.java x Mengkonversi3.java x

Source History Search (Ctrl+I)

272,0/347,0MB

1 //NIM : 13020200303  
1 //NAMA : UMNIAH  
1 // HARI/TANGGAL: RABU, 23 MARET 2022  
1 // WAKTU 12.31  
1 package mengkonversi3;  
1  
2 import java.util.Scanner;  
2  
3 public class Mengkonversi3 {  
4  
5 public static void main(String[] args) {  
6  
7 }  
8  
9 }  
10  
11  
12  
13  
14  
15  
16

Output x

12:9 INS Windows (CR...) 17.19 23/03/2022

28°C Berawan

24

main - Navigator x

Members <empty>

Mengkonversi3 Mengkonversi3() main(String[] args)

mengkonversi3 - Apache NetBeans IDE 12.6

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

Source History ... 243,6/604,0MB Search (Ctrl+I)

Project Files Services ... <default config> 243,6/604,0MB

Javaapplication9 Konstant.java  
Libraries  
KasusBoolean Source Packages kasusboolean KasusBoolean.java  
Test Packages Libraries Test Libraries mengkonversi3 Source Packages mengkonversi3 Mengkonversi3.java  
main - Navigator x Members Mengkonversi3 Mengkonversi3() main(String[] args)

...java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java SubProgram.java Tempair.java Mengkonversi3.java

1 //NIM : 13020200303  
2 //NAMA : UMMIAH  
3 // HARI/TANGGAL: RABU, 23 MARET 2022  
4 // WAKTU:12.31  
5 package mengkonversi3;  
6  
7 import java.util.Scanner;  
8  
9 public class Mengkonversi3 {  
10  
11 public static void main(String[] args) {  
12 Scanner masukan = new Scanner(System.in);  
13 long totalMilisec = System.currentTimeMillis();  
14  
15 long juml, menit, detik, konversi, totaljam, local;  
16  
17 }  
18 }

Output - mengkonversi3 (run) x

run:  
Masukkan detik yang ingin Dikonversi : 1203183086  
konversi dari :1203183086detik, adalah :  
334217jam :0menit :26detik  
17 jam saat ini  
waktu menunjukkan16:39:6Waktu lokal  
BUILD SUCCESSFUL (total time: 35 seconds)

41:1 INS 17.39 23/03/2022

mengkonversi3 - Apache NetBeans IDE 12.6

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

Source History ... 378,8/604,0MB Search (Ctrl+I)

Project Files Services ... <default config> 378,8/604,0MB

Javaapplication9 Konstant.java  
Libraries  
KasusBoolean Source Packages kasusboolean KasusBoolean.java  
Test Packages Libraries Test Libraries mengkonversi3 Source Packages mengkonversi3 Mengkonversi3.java  
main - Navigator x Members Mengkonversi3 Mengkonversi3() main(String[] args)

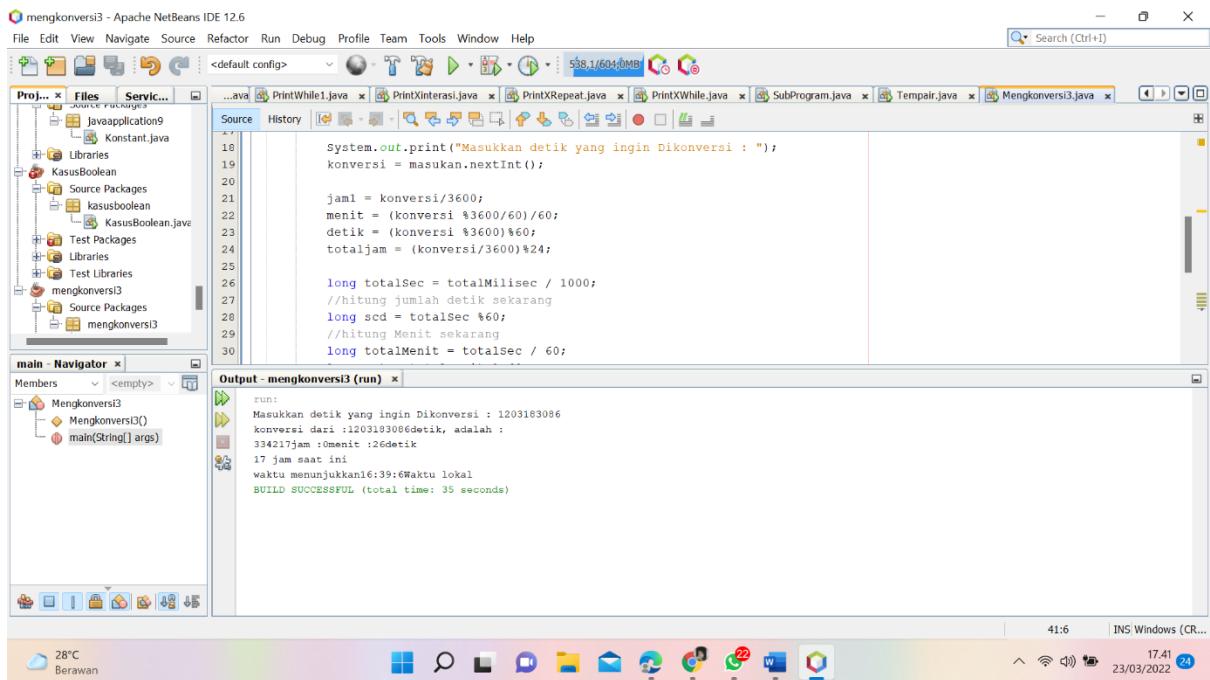
...java PrintWhile1.java PrintXinterasi.java PrintXRepeat.java PrintXWhile.java SubProgram.java Tempair.java Mengkonversi3.java

18 System.out.print("Masukkan detik yang ingin Dikonversi : ");  
19 konversi = masukan.nextInt();  
20  
21 juml = konversi/3600;  
22 menit = (konversi %3600/60)/60;  
23 detik = (konversi %3600)%60;  
24 totaljam = (konversi/3600)%24;  
25  
26 long totalSec = totalMilisec / 1000;  
27 //hitung jumlah detik sekarang  
28 long scd = totalSec %60;  
29 //hitung Menit sekarang  
30 long totalMenit = totalSec / 60;  
31 long mnt = totalMenit % 60;  
32 //hitung jam sekarang  
33 long totalJam = totalMenit / 60;  
34 long hour = (totalJam % 24)+7; //jam ditambah 7 karena waktu lokal indonesia  
35  
36 //hasil  
37 System.out.println("konversi dari :" +konversi + "detik, adalah :");  
38 System.out.println(juml+"jam :" + menit + "menit :" + detik + "detik");  
39 System.out.println(totaljam + " jam saat ini");  
40 System.out.println("waktu menunjukkan" + hour + ":" + mnt + ":" + scd + "Waktu lokal");  
41  
42 }

Output - mengkonversi3 (run) x

run:  
Masukkan detik yang ingin dikonversi : 1203183086

41:6 INS Windows (CR...) 17.41 23/03/2022



## Sourcecode

```
//NIM : 13020200303

//NAMA : UMNIAH

// HARI/TANGGAL: RABU, 23 MARET 2022

// WAKTU:12.31

package mengkonversi3;

import java.util.Scanner;

public class Mengkonversi3 {

    public static void main(String[] args) {
        Scanner masukan = new Scanner(System.in);
        long totalMilisec = System.currentTimeMillis();

        long jam1, menit, detik, konversi, totaljam, local;

        System.out.print("Masukkan detik yang ingin Dikonversi : ");
    }
}
```

```
konversi = masukan.nextInt();

jam1 = konversi/3600;
menit = (konversi %3600/60)/60;
detik = (konversi %3600)%60;
totaljam = (konversi/3600)%24;

long totalSec = totalMilisec / 1000;
//hitung jumlah detik sekarang
long scd = totalSec %60;
//hitung Menit sekarang
long totalMenit = totalSec / 60;
long mnt = totalMenit % 60;
//hitung jam sekarang
long totalJam1 = totalMenit / 60;
long hour = (totalJam1 % 24)+7; //jam ditambah 7 karena waktu lokal indonesia

//hasil
System.out.println("konversi dari :" +konversi + "detik, adalah :");
System.out.println(jam1+"jam :" + menit + "menit :" + detik + "detik");
System.out.println(totaljam + " jam saat ini");
System.out.println("waktu menunjukkan" + hour + ":" + mnt + ":" + scd + "Waktu lokal");
}

}
```