

Tugas1.java X

C: > Users > asus > Downloads > Tugas1.java > Tugas1 > main(String[])

```
1 import java.util.Scanner;
2 public class Tugas1{
    Run | Debug
3     public static void main(String[] args){
4         String nama;
5         String stambuk;
6         String fakultas;
7
8         Scanner keyboard = new Scanner(System.in);
9
10        System.out.print("Nama      : Zulham Reski Ramadhan");
11        nama = keyboard.nextLine();
12        System.out.print("Stambuk : 13020190179");
13        stambuk = keyboard.nextLine();
14        System.out.print("Fakultas: Ilmu Komputer");
15        fakultas = keyboard.nextLine();
16        System.out.println("-----");
17        System.out.println("Nama      : Zulham Reski Ramadhan" + nama);
18        System.out.println("Stambuk   : 13020190179" + stambuk);
19        System.out.println("Fakultas  : Ilmu Komputer" + fakultas );
20    }
21 }
```

PROBLEMS 2 OUTPUT TERMINAL ... 1: Java Process Console

Stambuk : 13020190179  
Fakultas: Ilmu Komputer  
-----  
Nama : Zulham Reski Ramadhan  
Stambuk : 13020190179  
Fakultas : Ilmu Komputer  
PS C:\Users\asus>

Waktu.java X

C: > Users > asus > Downloads > Waktu.java > Waktu > main(String[])

1 public class Waktu {  
Run | Debug  
2 public static void main(String[] args){  
3 long totalMilidetik = System.currentTimeMillis();  
4  
5 long totalDetik = totalMilidetik / 1203183086;  
6  
7 long detikSekarang = totalDetik % 60;  
8  
9 long totalMenit = totalDetik / 60;  
10  
11 long menitSekarang = totalMenit % 60;  
12  
13 long totalJam = totalMenit / 60;  
14  
15 long jamSekarang = totalJam % 24;  
16  
17 System.out.println("Waktu saat ini adalah " + jamSekarang +  
18 ":" + menitSekarang + ":" + detikSekarang + " GMT");  
19  
20 }

PROBLEMS 1 OUTPUT TERMINAL ...

1: Java Process Console

Nama : Zulham Reski Ramadhan  
Stambuk : 13020190179  
Fakultas : Ilmu Komputer  
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscode-java-debug-0.32.0\scripts\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java.exe' '-Dfile.encoding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws\_6a7f7\jdt\_ws\jdt.ls-java-project\bin' 'Waktu'  
Waktu saat ini adalah 0:22:23 GMT  
PS C:\Users\asus>

Asgdll.java X

C: > Users > asus > Downloads > Asgdll.java > Asgdll

1 public class Asgdll {

2

3 public static void main(String[] args){

4

5 float f = 20.0f;

6 double f11;

7

8 f11 = 10.0f;

9 System.out.println ("f : " + f + "\nf11 : " + f11);

10

11 }

12 }

Run | Debug

PROBLEMS 1 OUTPUT TERMINAL ...

1: Java Process Console

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t\bin' 'waktu'

Waktu saat ini adalah 0:22:23 GMT

PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscode-java-debug-0.32.0\scripts\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java.exe' '-Dfile.encoding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws\_6a7f7\jdt\_ws\jdt.ls-java-project\bin' 'Asgdll'

f : 20.0

f11 : 10.0

PS C:\Users\asus>

Activate W

Go to Settings

Asign.java X

C: > Users > asus > Downloads > Asign.java > ...

1 public class Asign {

2

3 Run | Debug

4 public static void main(String[] args){

5 int i;

6 System.out.print ("hello\n"); i = 5;

7 System.out.println ("Ini nilai i:" + i);

8 }

9 }

PROBLEMS 1 OUTPUT TERMINAL ...

1: Java Process Console

f : 20.0  
fll : 10.0  
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscode-java-debug-0.32.0\scripts\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java.exe' '-Dfile.encoding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws\_6a7f7\jdt\_ws\jdt.ls-java-project\bin' 'Asign'  
hello  
Ini nilai i:5  
PS C:\Users\asus>

Activate Windows  
Go to Settings

Asign.java X

C: > Users > asus > Downloads > Asign.java > ...

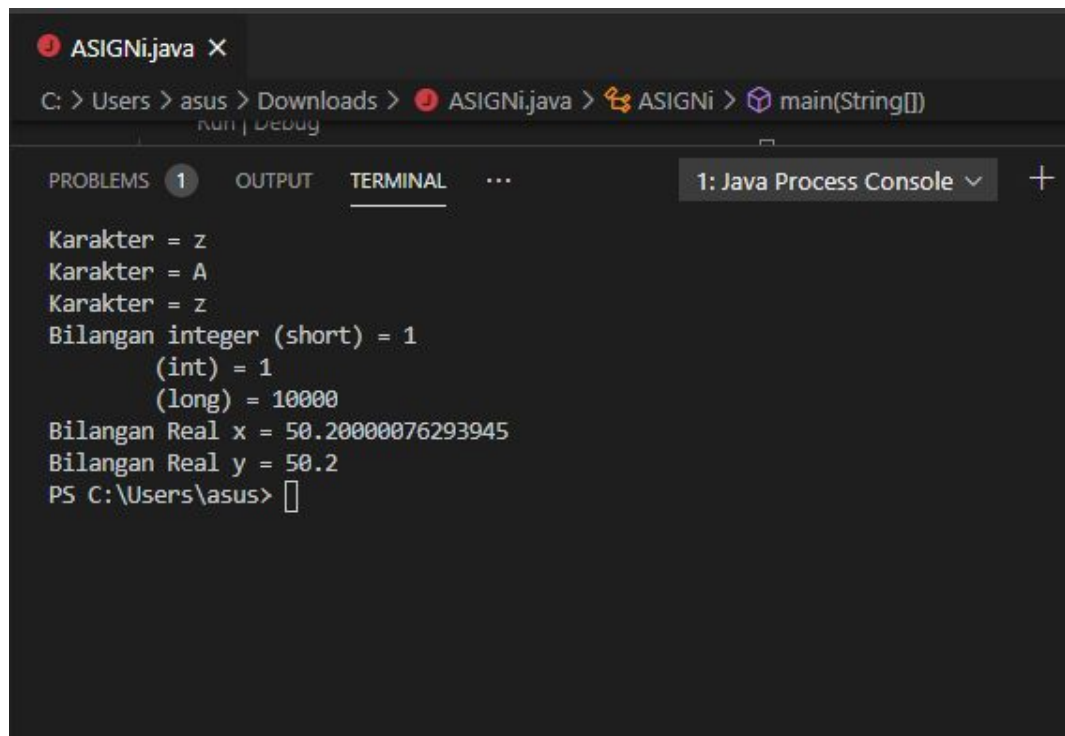
1 public class Asign {  
2  
3 Run | Debug  
4 public static void main(String[] args){  
5 int i;  
6 System.out.print ("hello\n"); i = 5;  
7 System.out.println ("Ini nilai i:" + i);  
8 }  
9 }

PROBLEMS 1 OUTPUT TERMINAL ...

1: Java Process Console

f : 20.0  
fll : 10.0  
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscode-java-debug-0.32.0\scripts\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java.exe' '-Dfile.encoding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws\_6a7f7\jdt\_ws\jdt.ls-java-project\bin' 'Asign'  
hello  
Ini nilai i:5  
PS C:\Users\asus>

Activate Windows  
Go to Settings



ASIGNi.java X

C: > Users > asus > Downloads > ASIGNi.java > ASIGNi > main(String[])

run | Debug

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process Console +

```
Karakter = z
Karakter = A
Karakter = z
Bilangan integer (short) = 1
(int) = 1
(long) = 10000
Bilangan Real x = 50.20000076293945
Bilangan Real y = 50.2
PS C:\Users\asus>
```

```
BacaData.java
C: > Users > asus > Downloads > BacaData.java > ...
1 import java.util.Scanner;
2
3 public class BacaData{
4     Run | Debug
5     public static void main (String[] args) {
6         int a;
7         Scanner masukan;
8
9         System.out.print ("Contoh membaca dan menulis, ketik nilai integer: ");
10        masukan = new Scanner(System.in);
11        a = masukan.nextInt();
12        System.out.print ("Nilai yang dibaca : "+ a);
13    }
}
```

PROBLEMS 2 OUTPUT TERMINAL ... 1: Java Process Console

```
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_6a7f7\jdt_ws\jdt.ls-jav
t\bin' 'BacaData'
Contoh membaca dan menulis, ketik nilai integer:
3
Nilai yang dibaca : 3
PS C:\Users\asus>
```



```
Bacakar.java
C: > Users > asus > Downloads > Bacakar.java > ...
1 import java.io.BufferedReader:

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process Console +

PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscod
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_6a7f7\jdt_ws\j
t\bin' 'Bacakar'
hello
baca 1 karakter : a
baca 1 bilangan : 1
a
1
bye
PS C:\Users\asus>
```

```
Casting1.java X
C: > Users > asus > Downloads > Casting1.java > Casting1
1 /*Casting menggunakan tipe data primitif*/

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process Console +

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscod
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin\java.
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_6a7f7\jdt_ws\jdt\bin' 'Casting1'
5.0
6.0
2
3.200000047683716
53
53.0
53.0
3
3.14
PS C:\Users\asus>
```



❌ Casting2.java X

C: > Users > asus > Downloads > ❌ Casting2.java > 🚀 Casting2

1 |/\*Casting menggunakan tipe data Class\*/

PROBLEMS 1

OUTPUT

TERMINAL

...

1: Java Process Console ▾

Windows PowerShell

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```
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vscode-jav  
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10-hotspot\bin\  
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_6a7f7\jdt_  
t\bin' 'Casting2'
```

```
a : 67  
k : 45.0  
d : 100.0
```

```
n : 9  
m : 5  
l : 3.2
```

```
k : 67.0  
c : 9.0  
l : 3.2
```

PS C:\Users\asus>

Ekspresi.java X

C: > Users > asus > Downloads > Ekspresi.java > Ekspresi

1 /\* nemakaan operator kondisional \*/

PROBLEMS 1

OUTPUT

TERMINAL

...

1: Java Process Cons

Windows PowerShell

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```
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.vsc  
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10-hotsp  
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_6a7  
t\bin' 'Ekspresi'
```

```
x = 1
```

```
y = 2
```

```
hasil ekspresi = (x<y)?x:y = 1
```

```
PS C:\Users\asus>
```

Ekspresi1.java X

C: > Users > asus > Downloads > Ekspresi1.java > Ekspresi1

1 public class Ekspresi1 {

PROBLEMS 1

OUTPUT

TERMINAL

...

1: Java Process

Windows PowerShell

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```
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-h
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws
t\bin' 'Ekspresi1'
```

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

PS C:\Users\asus>

```
Hello.java X
C: > Users > asus > Downloads > Hello.java > Hello
1 public class Hello {

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process C

Windows PowerShell
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PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-ho
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_
t\bin' 'Hello'
Hello
Hello World
Welcome
PS C:\Users\asus>
```

```
Incr.java X
C: > Users > asus > Downloads > Incr.java > Incr
1 /*efek operator ++ */

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process

Windows PowerShell
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PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-h
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws
t\bin' 'Incr'
Nilai i : 5
Nilai j : 3
PS C:\Users\asus>
```

Oper1.java X

C: > Users > asus > Downloads > Oper1.java > Oper1

1 /\* penggunaan operator terhadap bit \*/

PROBLEMS 1

OUTPUT

TERMINAL

...

1: Java Process

Windows PowerShell

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```
PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava  
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-h  
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesw  
t\bin' 'Oper1'
```

```
n = 10
```

```
x = 1
```

```
y = 2
```

```
n & 8 = 8
```

```
x & ~ 8 = 1
```

```
y << 2 = 8
```

```
y >> 3 = 0
```

```
PS C:\Users\asus>
```

```
Oper2.java X
C: > Users > asus > Downloads > Oper2.java > Oper2
1 /* nemakaian heherana operator terhadap RELATTONAL

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process C

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PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava.s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-hotspot\bin' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesws_t\bin' 'Oper2'
i = 3
j =
i & j = 0
i | j = 7
i ^ j = 7
81.0
~i = -4
PS C:\Users\asus>
```



```
Oper3.java X
C: > Users > asus > Downloads > Oper3.java > Oper3
1 public class Oper3 {

PROBLEMS 2 OUTPUT TERMINAL ... 1: Java Process

Windows PowerShell
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PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-h
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesw
t\bin' 'Oper3'
true
false
true
true
true
PS C:\Users\asus>
```

```
Oper4.java X
C: > Users > asus > Downloads > Oper4.java > Oper4
1 /* Operator terner */

PROBLEMS 1 OUTPUT TERMINAL ... 1: Java Process

Windows PowerShell
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PS C:\Users\asus> & 'c:\Users\asus\.vscode\extensions\vscjava
s\launcher.bat' 'C:\Program Files\AdoptOpenJDK\jdk-11.0.10.9-
oding=UTF-8' '-cp' 'C:\Users\asus\AppData\Local\Temp\vscodesw
t\bin' 'Oper4'
Nilai e = 10
Nilai k = 0
Nilai k = 4
PS C:\Users\asus>
```