

Tugas 1

**PEMROGRAMAN
BERORIENTASI OBJEK**



IKMAR MAWARDI

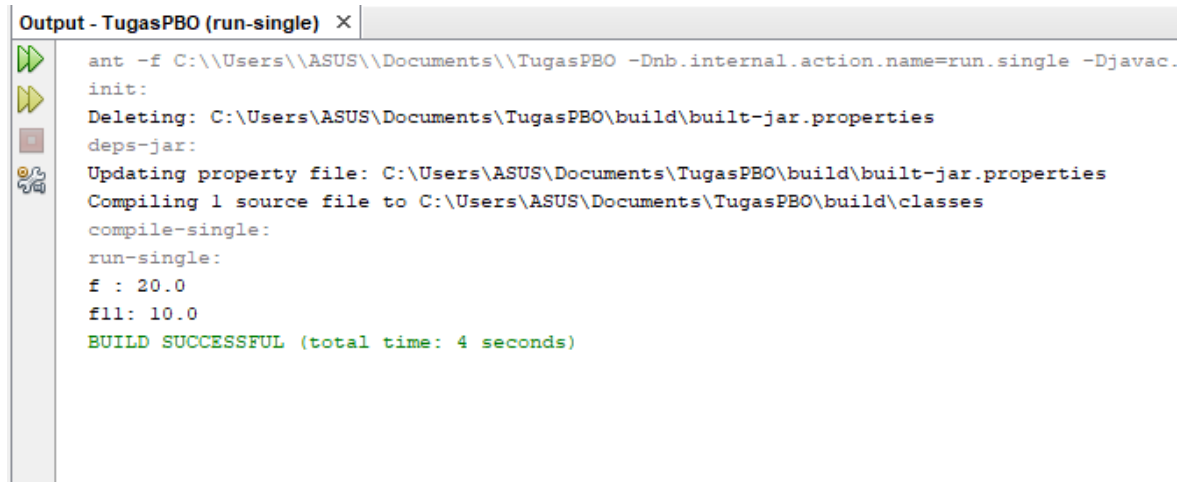
13020190084

A2

**PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS ILMU KOMPUTER
UNIVERSITAS MUSLIM INDONESIA
MAKASSAR
2021**

Output Program

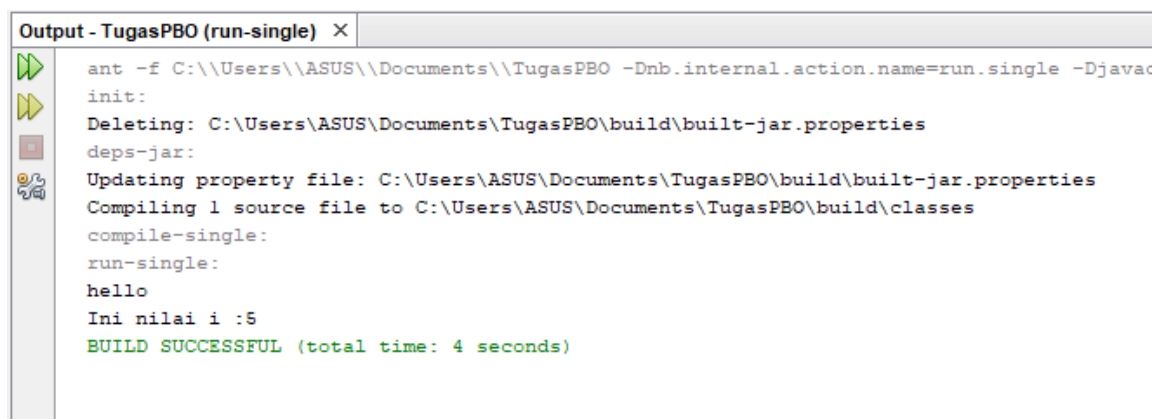
1. Kode program – class Asgdl1



```
Output - TugasPBO (run-single) X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
f : 20.0
f11: 10.0
BUILD SUCCESSFUL (total time: 4 seconds)
```

Kode program ini adalah untuk menampilkan algoritma angka bertipe data float dan double.

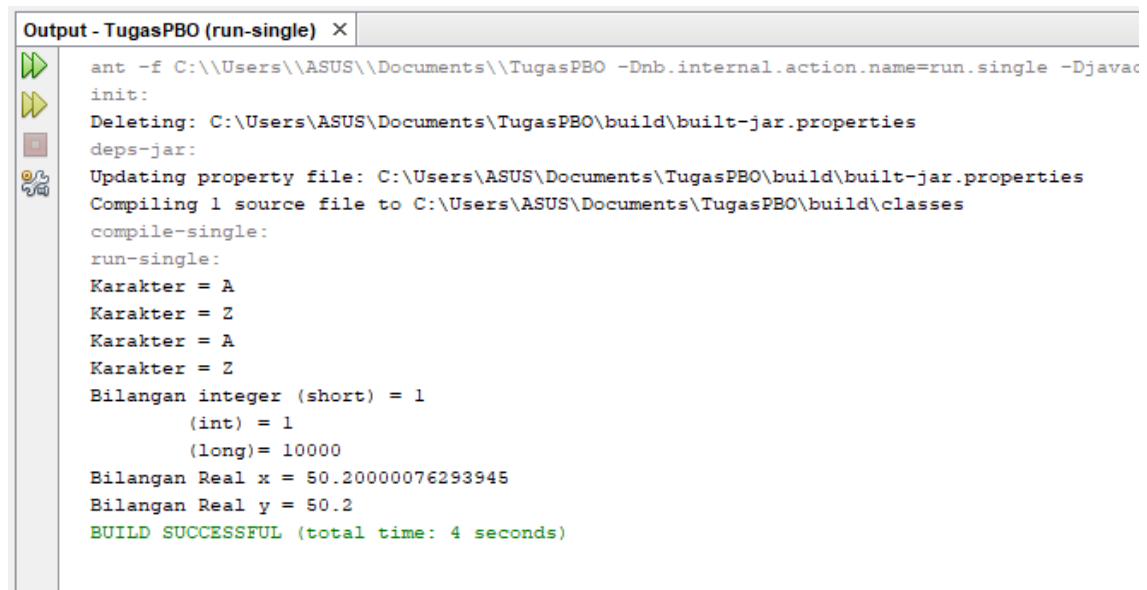
2. Kode program – class Assign



```
Output - TugasPBO (run-single) X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
hello
Ini nilai i :5
BUILD SUCCESSFUL (total time: 4 seconds)
```

Kode program ini adalah untuk menampilkan teks hello dan nilai dari integer.

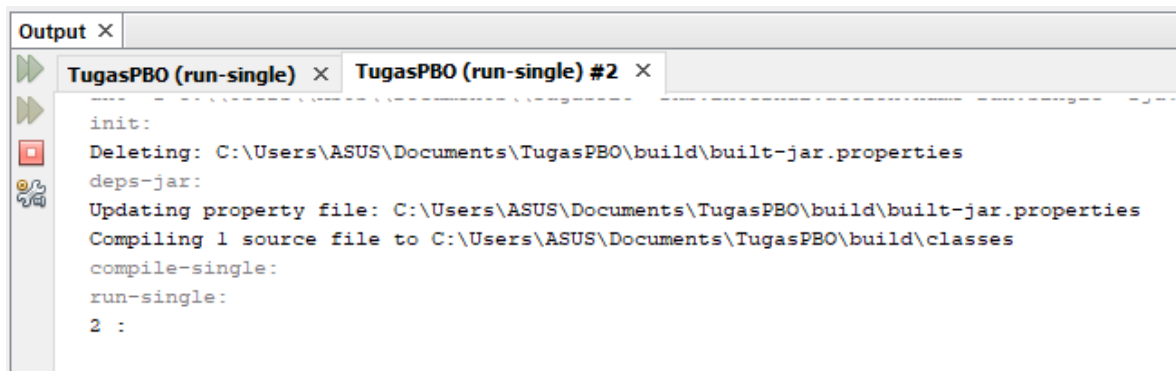
3. Kode program – class ASIGNi



```
Output - TugasPBO (run-single) X
ant -f C:\Users\ASUS\Documents\TugasPBO -Dnb.internal.action.name=run.single -Djava:
init:
Deleting: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
deps-jar:
Updating property file: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
Compiling 1 source file to C:\Users\ASUS\Documents\TugasPBO\build\classes
compile-single:
run-single:
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
BUILD SUCCESSFUL (total time: 4 seconds)
```

Kode program ini adalah untuk menampilkan teks karakter dan bilangan riil dari variable-variabel bilangan bulat short int, int, long int.

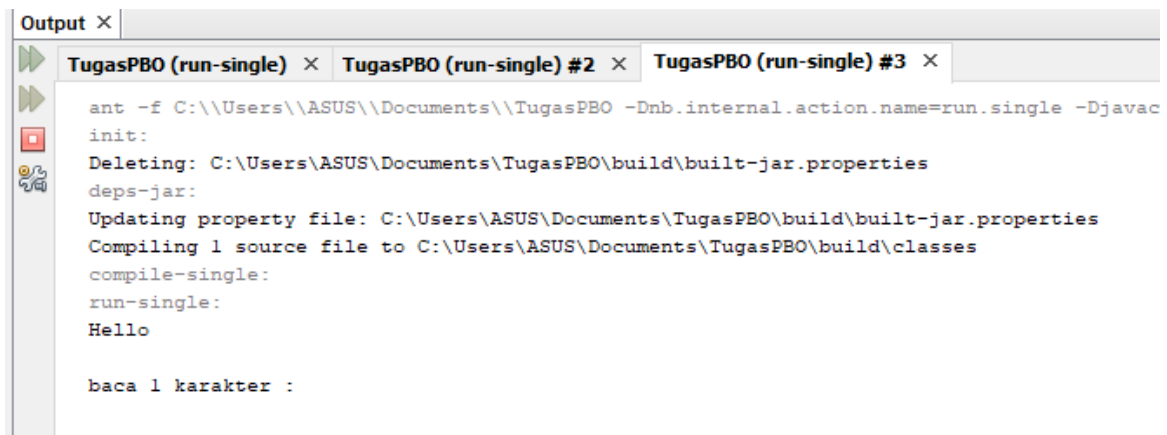
4. Kode program - BacaData



```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X
init:
Deleting: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
deps-jar:
Updating property file: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
Compiling 1 source file to C:\Users\ASUS\Documents\TugasPBO\build\classes
compile-single:
run-single:
2 :
```

Kode program ini adalah untuk menampilkan hasil scanner, yaitu contoh membaca integer menggunakan class scanner.

5. Kode program – class Bacakar



```
Output ×
TugasPBO (run-single) × TugasPBO (run-single) #2 × TugasPBO (run-single) #3 ×
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
Hello

baca 1 karakter :
```

Kode program ini adalah untuk menampilkan hasil import.

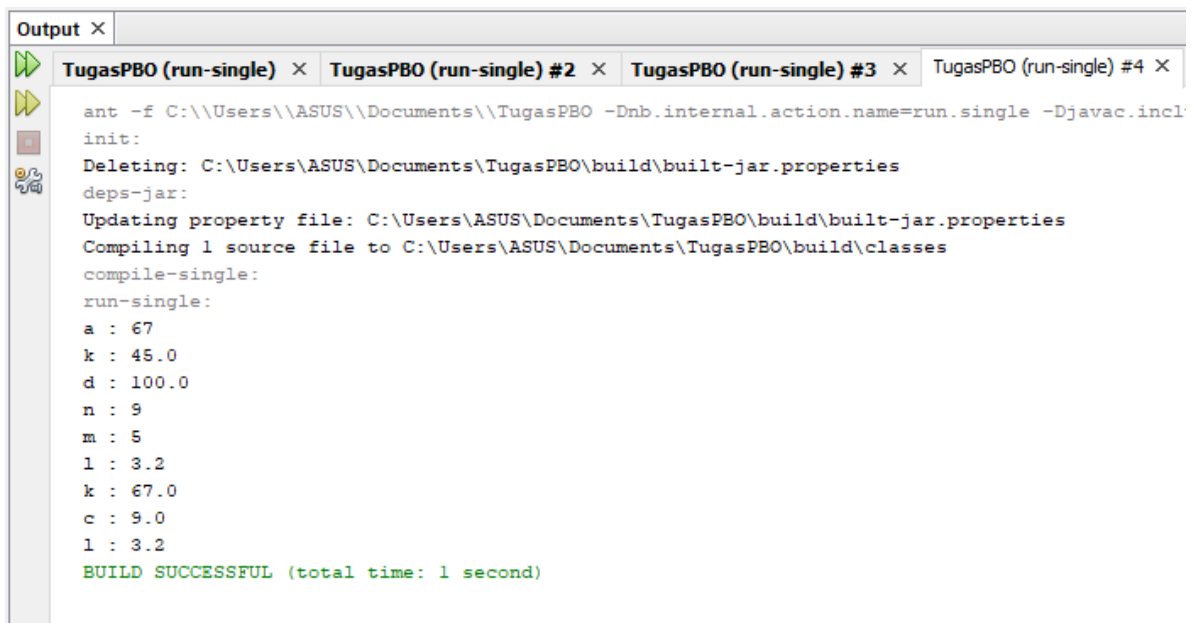
6. Kode program – class Casting1



```
Output ×
TugasPBO (run-single) × TugasPBO (run-single) #2 × TugasPBO (run-single) #3 × TugasPBO (run-single) #4 ×
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.includ
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
5.0
2
3.200000047683716
53
53.0
53.0
3
3.14
BUILD SUCCESSFUL (total time: 2 seconds)
```

Kode program ini adalah untuk menampilkan hasil casting menggunakan tipe data primitive yang berupa nilai angka.

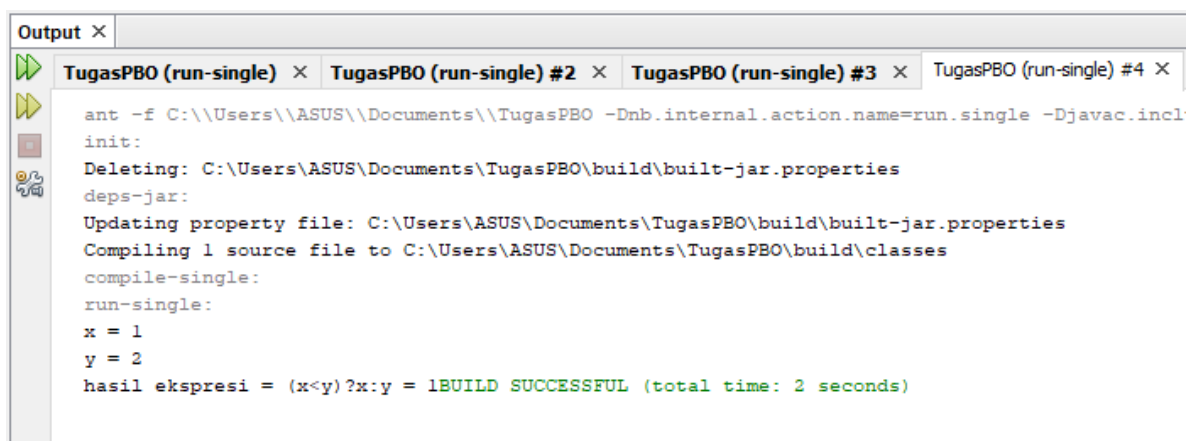
7. Kode program – class Casting2



```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.incl
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
a : 67
k : 45.0
d : 100.0
n : 9
m : 5
l : 3.2
k : 67.0
c : 9.0
l : 3.2
BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil casting menggunakan tipe data class dari konversi nilai.

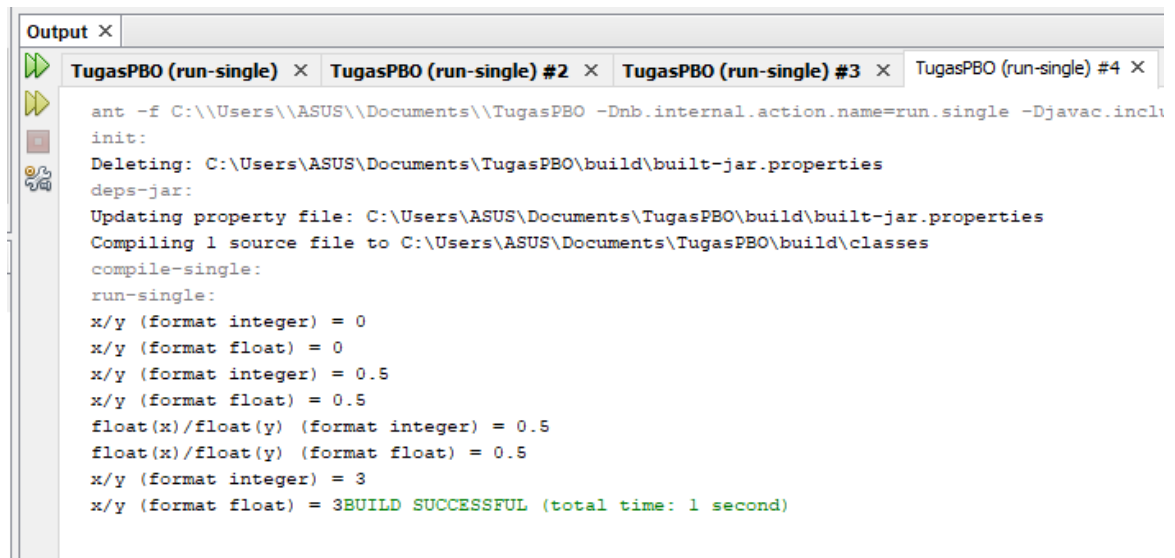
8. Kode program – class Ekspresi



```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.incl
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
x = 1
y = 2
hasil ekspresi = (x<y)?x:y = 1
BUILD SUCCESSFUL (total time: 2 seconds)
```

Kode program ini adalah untuk menampilkan hasil ekspresi dari pemakaian operator kondisional dengan tipe data integer.

9. Kode program – class Ekspresi1

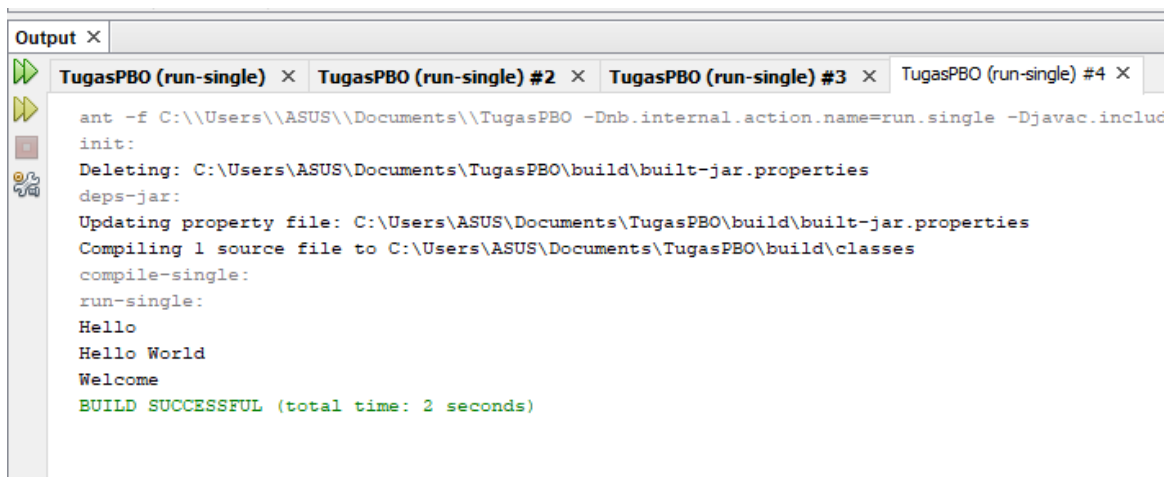


```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X

ant -f C:\Users\ASUS\Documents\TugasPBO -Dnb.internal.action.name=run.single -Djavac.includ
init:
Deleting: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
deps-jar:
Updating property file: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
Compiling 1 source file to C:\Users\ASUS\Documents\TugasPBO\build\classes
compile-single:
run-single:
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) = 3BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil ekspresi dari nilai pembagian data integer.

10. Kode program – class Hello

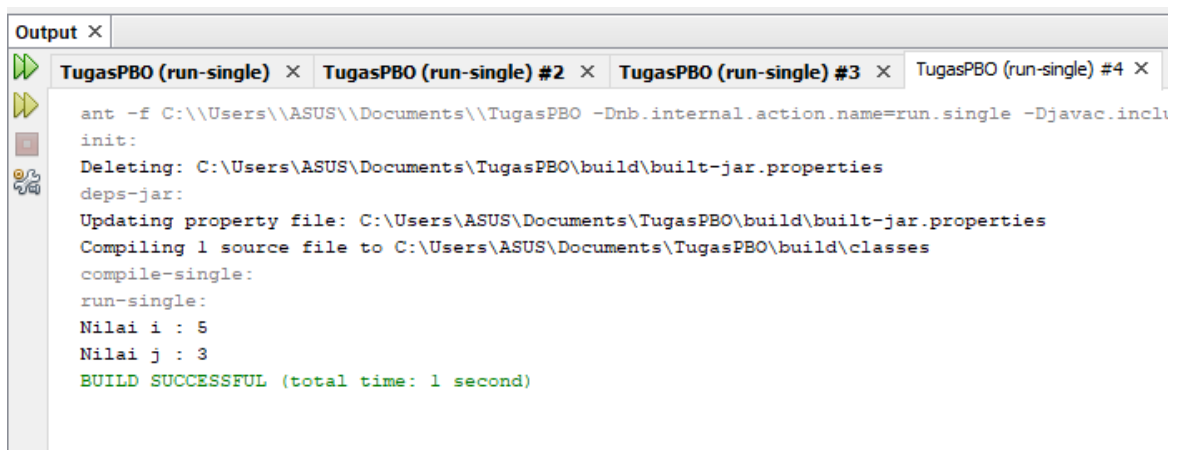


```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X

ant -f C:\Users\ASUS\Documents\TugasPBO -Dnb.internal.action.name=run.single -Djavac.includ
init:
Deleting: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
deps-jar:
Updating property file: C:\Users\ASUS\Documents\TugasPBO\build\build-jar.properties
Compiling 1 source file to C:\Users\ASUS\Documents\TugasPBO\build\classes
compile-single:
run-single:
Hello
Hello World
Welcome
BUILD SUCCESSFUL (total time: 2 seconds)
```

Kode program ini adalah untuk menampilkan teks Hello, Hello World dan Welcome.

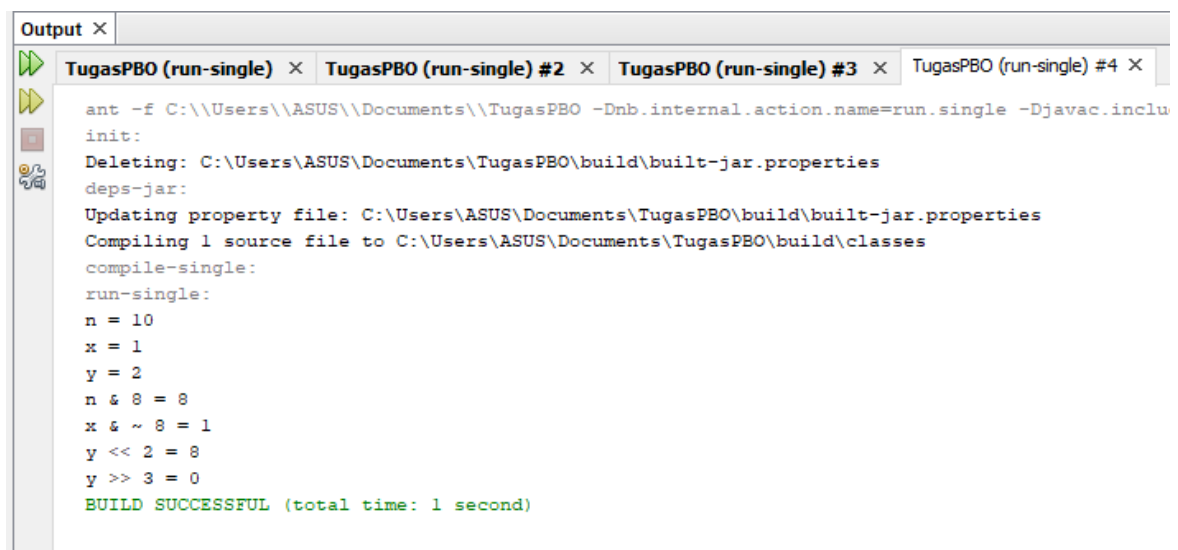
11. Kode program – class Operator



```
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.inclu
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
Nilai i : 5
Nilai j : 3
BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil efek dari operator.

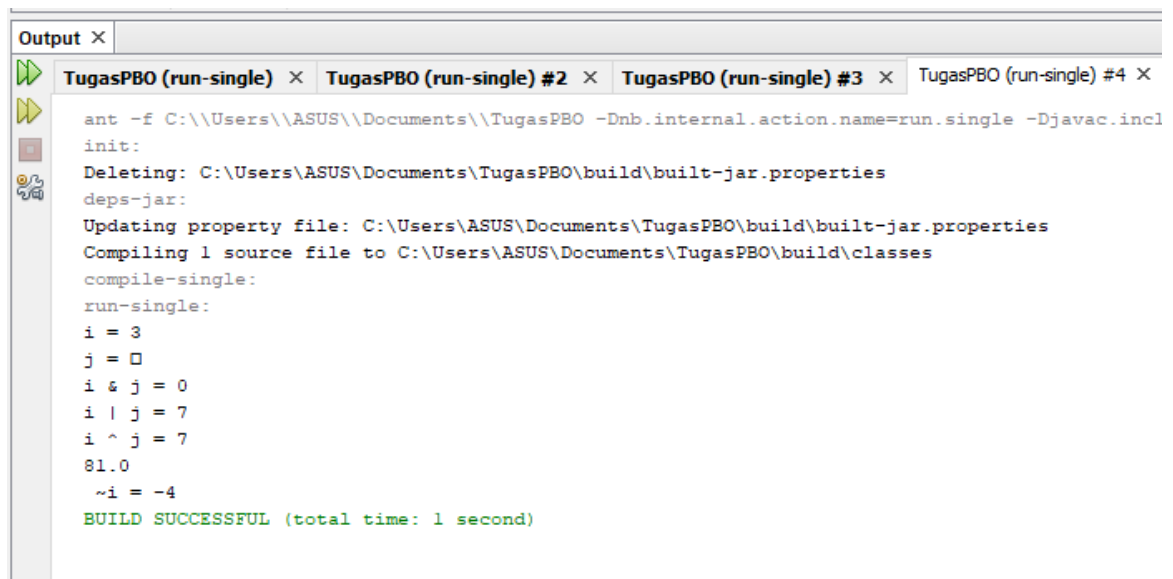
12. Kode program – class Oper1



```
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.inclu
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
n = 10
x = 1
y = 2
n & 8 = 8
x & ~ 8 = 1
y << 2 = 8
y >> 3 = 0
BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil pemakaian beberapa operator terhadap bit.

13. Kode program – class Oper2

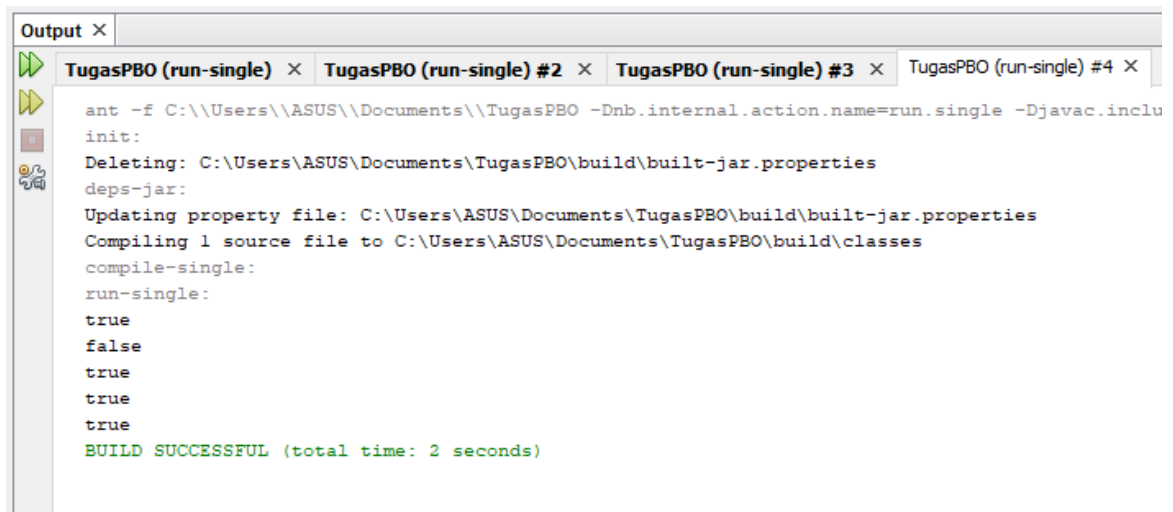


```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X

ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.incl
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
i = 3
j = □
i & j = 0
i | j = 7
i ^ j = 7
81.0
~i = -4
BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil dari pemakaian beberapa operator terhadap relational dan bit.

14. Kode program – class Oper3

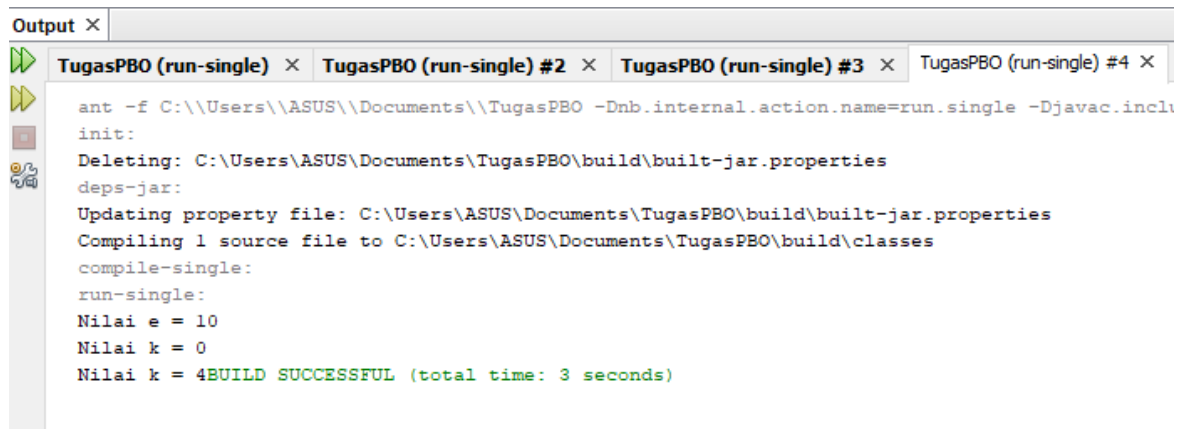


```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X

ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.inclu
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
true
false
true
true
true
BUILD SUCCESSFUL (total time: 2 seconds)
```

Kode program ini adalah untuk menampilkan hasil dari penggunaan operator dan algoritma true false.

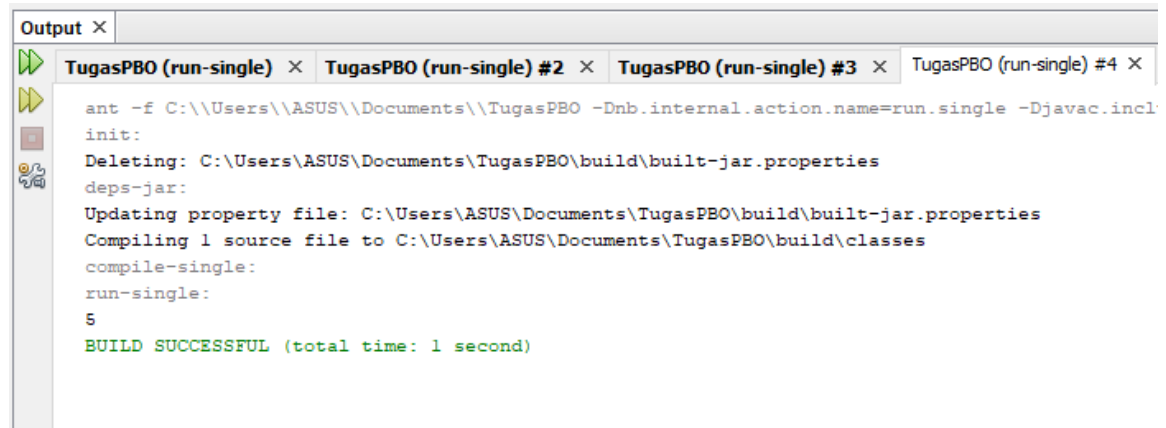
15. Kode program – class Oper4



```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.incl
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
Nilai e = 10
Nilai k = 0
Nilai k = 4BUILD SUCCESSFUL (total time: 3 seconds)
```

Kode program ini adalah untuk menampilkan hasil dari operator yang berupa bilangan.

16. Kode program – class Oprator



```
Output X
TugasPBO (run-single) X TugasPBO (run-single) #2 X TugasPBO (run-single) #3 X TugasPBO (run-single) #4 X
ant -f C:\\Users\\ASUS\\Documents\\TugasPBO -Dnb.internal.action.name=run.single -Djavac.incl
init:
Deleting: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
deps-jar:
Updating property file: C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\built-jar.properties
Compiling 1 source file to C:\\Users\\ASUS\\Documents\\TugasPBO\\build\\classes
compile-single:
run-single:
5
BUILD SUCCESSFUL (total time: 1 second)
```

Kode program ini adalah untuk menampilkan hasil operator terner berupa nilai.