Modul 11

-NESTED CLASS-

11.1. Inner Class(Non-Static Nested Class)

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Modul11 - NetBeans IDE 8.2
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                                                                                                                                                                                                                                                           public class OuterDemo {
                                                                                                                                                                                                                                                                                        int num;
                Test Packages

Test Libraries

Modul3

Modul5

                                                                                                                                                                                                                                                                                    //inner class
private class InnerDemo{
                                                                                                                                                                                                                                                                                         private void print() {
    System.out.println("Ini merupakan method inner class");
}
                                                                                                                                                                                                                                                                                              //akses method inner class dari method outer class
                                                                                                                                                                                                                                  21
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                                                                                                                                                                                                                                                                                        void displayInner() {
    InnerDemo inner = new InnerDemo();
    inner.print();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Go to Settings to activate Windows
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MyClass_java

MostedClass_java

NestedClassDemo_java

OuterDemo_java

OuterDemo_java

OuterDemo_java

OuterDemoMain_java

OuterDemoMain_java

OuterDemoMain_java

OuterDemoMain_java

Demojava

Test Packages

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Test Libraries

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5
                                                    public class MyClass {
public static vol :
13
public static vol :
                                                             * @author Lenovo
(S)
                                                                  public static void main (String[] args) {
                                                     14
                                                                        OuterDemo outer = new OuterDemo();
                                                     15
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    ⊕- & Modul5
                                                                       outer.displayInner();
    ⊞- S Modul6
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                                                            }
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    modul8
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11.2. Mengakses Private Member

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default package>
  6 7 - /** 8 9 10 */
11 pub:
5
                                                      * @author Lenovo
                                                       public class OuterDemo2 {
                                                 13 F
14 F
                                                             private int num = 175;
public class Inner_Demo
                                                                  public int getNum(){
                                                                   System.out.println("Ini adalah niali dari variable private OuterDemo");
return num;
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   Modul5
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       Source Packages

default package>

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MyClass.java

NestedClass.java

NestedClass.java

Couter.java

Couter.java

CouterDemo.java

CouterDemo.java

CouterDemoMain.java

CouterDemoMain.java
                                                   5
                                                  11 public class OuterDemoMain {
12 public static void ***
(S)
                                                               public static void main(String[] args){
    //membuat object OuterDemo
    OuterDemo2 outer = new OuterDemo2();
   Outer_f

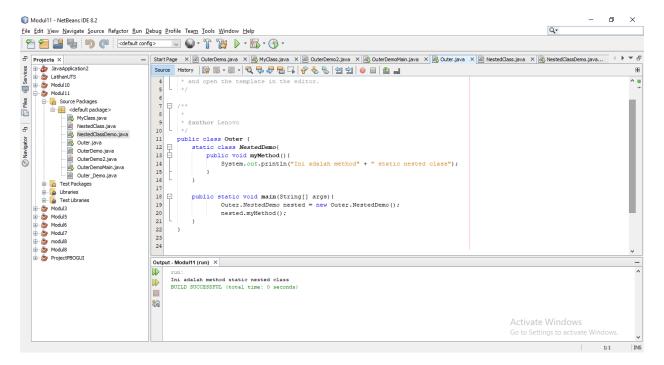
Test Packages

Libraries

Test Libraries

Modul3
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                                                                      //membuat Object InnerDemo
OuterDemo2.Inner_Demo inner = outer.new Inner_Demo();
    ⊕- & Modul5
                                                                     System.out.println(inner.getNum());
    ⊞- S Modul6
⊞- S Modul7
                                                          }
                                                   20
21
    modul8
modul8
modul8
modul8
modul8
                                                  Output - Modul11 (run) X
                                                  Ini adalah nilai dari variable private OuterDemo
                                                  BUILD SUCCESSFUL (total time: 0 seconds)
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Finished building Modul 11 (run).
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11.3. Static Nested Class



11.4. Latihan

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                                     <default package>

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public class NestedClass {
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 8
                                                                                                                                                                                                                                   String nama = "Arindita Prihastama";
String nim = "L200180058";
 Navigator
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                                                                                                                                                                                                                                  System.out.println(nama + " : " + nim);
}
                                                                                                                                                                                                                                     public void printNama(){
                                                                                                                                                                                     18
19 📮
                         Test Packages
                                                                                                                                                                                                                                   static class StaticNestedClass{
                                                                                                                                                                                     20
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22 =
                                                                                                                                                                                                                                                        static String jurusan = "Informatika";
              Test Libraries

Modul3

Modul5
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                                                                                                                                                                                                                                                                            nc.printNama();
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⊕- S Modul8
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                                                                                                                                                                                                                                      class InnerClass{
                                                                                                                                                                                                                                                          void cetakJurusan() {
                                                                                                                                                                                                                                                                            NestedClass.StaticNestedClass snc = new NestedClass.StaticNestedClass();
System.out.println("Jurusan : " + snc.jurusan);
                                                                                                                                                                                      33
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                                                                                                                                                                                      35
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