

OBJECT ORIENTED PROGRAMING LABORATORY WORK

MODULE 11



CREATED BY :

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INFORMATICS STUDY PROGRAM

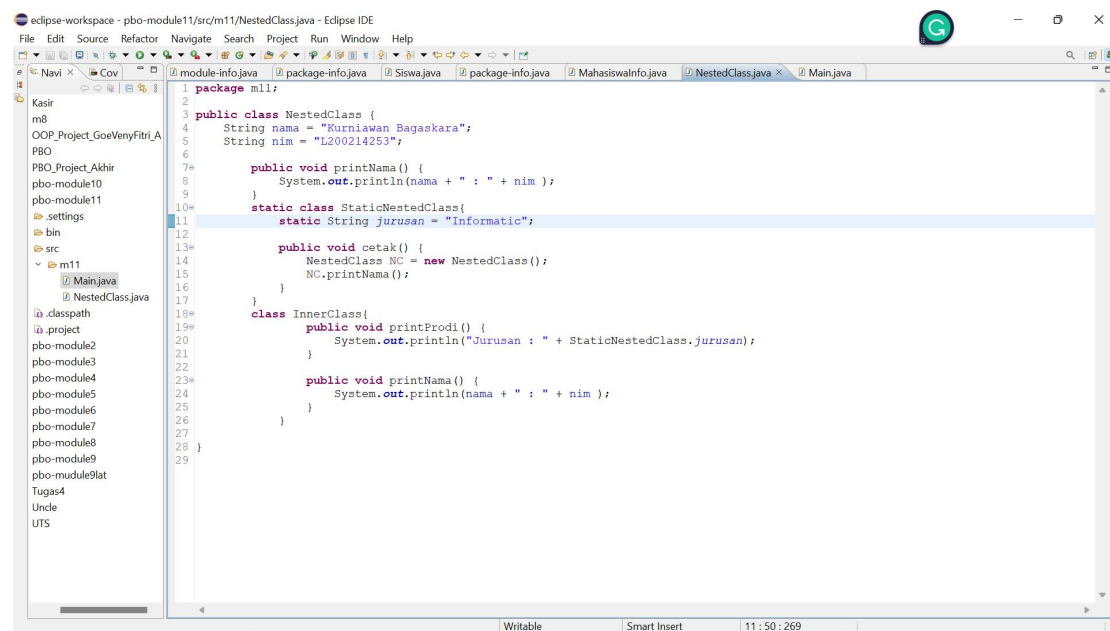
FACULTY OF COMMUNICATION AND INFORMATION SCIENCE

MUHAMMADIYAH SURAKARTA UNIVERSITY

EXERCISE 11.4

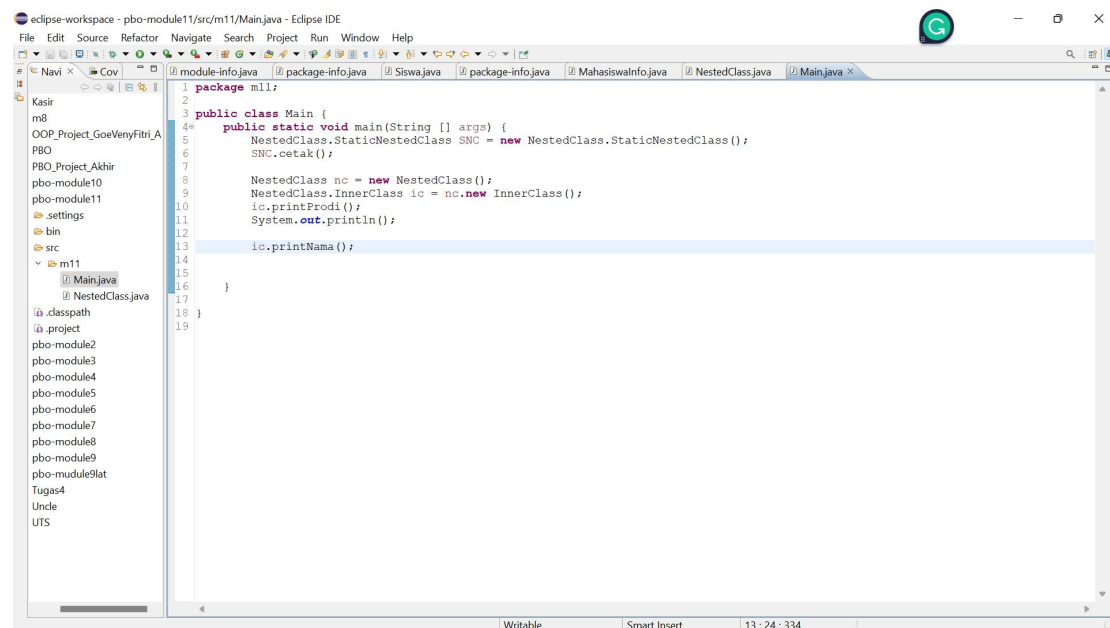
1. Fill in the Name and NIM in the variable, create a method in the class StaticNestedClass to access the printName() method!
2. Create a method in the InnerClass to access the majors variable!
3. Create a class with the main() function to display the results of the program code!

NestedClass



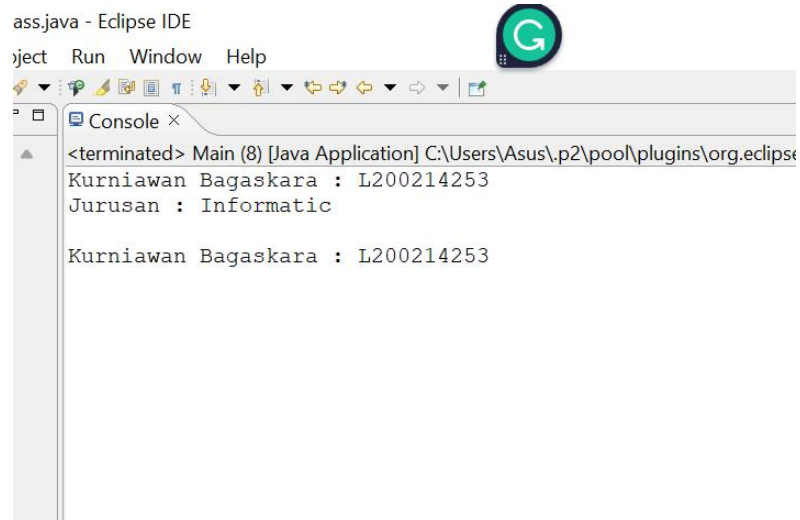
```
1 package m11;
2
3 public class NestedClass {
4     String nama = "Kurniawan Bagaskara";
5     String nim = "L200214253";
6
7     public void printNama() {
8         System.out.println(nama + " : " + nim);
9     }
10
11     static class StaticNestedClass {
12         static String jurusan = "Informatika";
13
14         public void cetak() {
15             NestedClass NC = new NestedClass();
16             NC.printNama();
17         }
18     }
19
20     class InnerClass {
21         public void printProdi() {
22             System.out.println("Jurusan : " + StaticNestedClass.jurusan);
23         }
24
25         public void printNama() {
26             System.out.println(nama + " : " + nim);
27         }
28     }
29 }
```

MainClass



```
1 package m11;
2
3 public class Main {
4     public static void main(String[] args) {
5         NestedClass.StaticNestedClass SNC = new NestedClass.StaticNestedClass();
6         SNC.cetak();
7
8         NestedClass nc = new NestedClass();
9         NestedClass.InnerClass ic = nc.new InnerClass();
10        ic.printProdi();
11        System.out.println();
12
13        ic.printNama();
14    }
15 }
16
17
18
19 }
```

Output

A screenshot of the Eclipse IDE interface. The title bar shows 'ass.java - Eclipse IDE'. The menu bar includes 'File', 'Edit', 'Project', 'Run', 'Window', and 'Help'. The toolbar contains various icons for file operations and development tools. The 'Console' window is open, displaying the following output:

```
<terminated> Main (8) [Java Application] C:\Users\Asus\p2\pool\plugins\org.eclipse
Kurniawan Bagaskara : L200214253
Jurusan : Informatika
Kurniawan Bagaskara : L200214253
```