**LAPORAN PRAKTIKUM**

**PEMROGRAMAN BERORIENTASI OBYEK**

**MODUL 11**



**DISUSUN OLEH:**

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**PROGRAM STUDI INFORMATIKA**

**FAKULTAS KOMUNIKASI DAN INFORMATIKA**

**UNIVERSITAS MUHAMMADIYAH SURAKARTA**

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# **DAFTAR ISI**

[**DAFTAR ISI** 2](#_Toc153315256)

[**LATIHAN** 3](#_Toc153315257)

[**1.** **Perhatikan Program 7 di bawah, dan isikan Nama Saudara dan NIM pada variabelnya! Buatlah method di dalam class StaticNestedClass untuk mengakses method printNama()!** 3](#_Toc153315258)

[**“StaticNestedClass”** Class 3](#_Toc153315259)

[**2.** **Buatlah method di dalam InnerClass untuk mengakses variabel jurusan** 3](#_Toc153315260)

[**“InnerClass”** Class 3](#_Toc153315261)

[**3.** **Buatlah class dengan fungsi main() untuk menampilkan hasil dari kode program saudara!** 4](#_Toc153315262)

[**“main()”** Function 4](#_Toc153315263)

[**“main()”** Output 5](#_Toc153315264)

# **LATIHAN**

## **Perhatikan Program 7 di bawah, dan isikan Nama Saudara dan NIM pada variabelnya! Buatlah method di dalam class StaticNestedClass untuk mengakses method printNama()!**

### **“StaticNestedClass”** Class

|  |
| --- |
| package exercise;  class NestedClass {      String **name** = "Mhd. Farhan Lubis"; *// complete with your name*      String **studentID** = "L200220277"; *// complete with your student identification number*      public void printName() {          System.**out**.println(**name** + " : " + **studentID**);      }      static class StaticNestedClass {          static String **major** = "informatics";          public static void printNameAccess(NestedClass outerClass) {              outerClass.printName();          }      }      class InnerClass {      }  } |

## **Buatlah method di dalam InnerClass untuk mengakses variabel jurusan**

### **“InnerClass”** Class

|  |
| --- |
| package exercise;  class NestedClass {      String **name** = "Mhd. Farhan Lubis"; *// complete with your name*      String **studentID** = "L200220277"; *// complete with your student identification number*      public void printName() {          System.**out**.println(**name** + " : " + **studentID**);      }      static class StaticNestedClass {          static String **major** = "informatics";          public static static void printNameAccess(NestedClass outerClass) {              outerClass.printName();          }      }      class InnerClass {          public void majorAccess() {              System.**out**.println(StaticNestedClass.**major**);          }      }  } |

## **Buatlah class dengan fungsi main() untuk menampilkan hasil dari kode program saudara!**

### **“main()”** Function

|  |
| --- |
| package exercise;  class NestedClass {      String **name** = "Mhd. Farhan Lubis"; *// complete with your name*      String **studentID** = "L200220277"; *// complete with your student identification number*      public void printName() {          System.**out**.println(**name** + " : " + **studentID**);      }      static class StaticNestedClass {          static String **major** = "informatics";          public static void printNameAccess(NestedClass outerClass) {              outerClass.printName();          }      }      class InnerClass {          public void majorAccess() {              System.**out**.println(StaticNestedClass.**major**);          }      }      public static void main(String[] args) {  System.**out**.println("\n=== Module 11 - Nested Class ===\n");          NestedClass outerInstance = new NestedClass();          outerInstance.printName();          NestedClass.StaticNestedClass.printNameAccess(outerInstance);          NestedClass.StaticNestedClass.**major** = "Computer Science";          InnerClass innerInstance = outerInstance.new InnerClass();          innerInstance.majorAccess();          System.**out**.println("\n=== Code by " + outerInstance.**name** + " - " + outerInstance.**studentID** + " ===\n");      }  } |

### **“main()”** Output

