

**LAPORAN PRAKTIKUM
PEMROGRAMAN BERORIENTASI OBYEK
MODUL 11**



DISUSUN OLEH:

NIM	L200220277
NAMA	MHD. FARHAN LUBIS
KELAS	F

**PROGRAM STUDI INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA**

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LATIHAN

1. 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 {

    }
}
```

2. 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 void printNameAccess(NestedClass
outerClass) {
            outerClass.printName();
        }
    }

    class InnerClass {
        public void majorAccess() {
            System.out.println(StaticNestedClass.major);
        }
    }
}

```

3. 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

```

030506-praktikum-pemrograman-berorientasi-obyk
in\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\FARHAN\AppData\Roaming\Code\User\workspaceStorage\5dfc08e6cb0bb424930399d9a5ff9a2a\redhat.java\jdt_ws\030506-praktikum-pemrograman-berorientasi-obyek_23aeebb1\bin' 'exercise.NestedClass'

=== Module 11 - Nested Class ===

Mhd. Farhan Lubis : L200220277
Mhd. Farhan Lubis : L200220277
Computer Science

=== Code by Mhd. Farhan Lubis - L200220277 ===

030506-praktikum-pemrograman-berorientasi-obyek on main
>

```