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## Modul 11

### 11.1 INNER CLASS

```
public class OuterDemo {  
    int num;  
  
    private class InnerDemo{  
        private void print(){  
            System.out.println("Ini merupakan method InnerClass");  
        }  
    }  
  
    void displayInner(){  
        InnerDemo inner = new InnerDemo();  
        inner.print();  
    }  
}  
  
public class MyClass {  
    public static void main(String[] args){  
        OuterDemo outer = new OuterDemo();  
        outer.displayInner();  
    }  
}
```

- Modul11 (run) %

run:

Ini merupakan method InnerClass

BUILD SUCCESSFUL (total time: 0 seconds)

## 11.2 MENGAKSES PRIVATE MEMBER

```
public class OuterDemo2 {
    private int num = 175;
    public class Inner_Demo{
        public int getNum(){
            System.out.println("Ini adalah nilai dari variable private OuterDemo");
            return num;
        }
    }
}

public class OuterDemoMain {
    public static void main(String[] args){
        OuterDemo2 outer = new OuterDemo2();
        OuterDemo2.Inner_Demo inner = outer.new Inner_Demo();
        System.out.println(inner.getNum());
    }
}
```

t - Modul11 (run) %

```
run:
Ini adalah nilai dari variable private OuterDemo
175
BUILD SUCCESSFUL (total time: 0 seconds)
```

## 11.3 STATIC NESTED CLASS

```
public class Outer {
    static class NestedDemo{
        public void myMethod(){
            System.out.println("Ini adalah method" + "Static nested class");
        }
    }
    public static void main(String[] args){
        Outer.NestedDemo nested = new Outer.NestedDemo();
        nested.myMethod();
    }
}
```

:- Modul11 (run) %

```
run:
Ini adalah methodStatic nested class
BUILD SUCCESSFUL (total time: 0 seconds)
```

## 11.4 LATIHAN

