

7) Implementation of inner class

1: Local inner class

```
package mounika7;

class Outer {

    void outerMethod() {

        int x = 98;

        System.out.println("inside outerMethod");

        class Inner {

            void innerMethod() {

                System.out.println("x= "+x);

            }

        }

        Inner y = new Inner();

        y.innerMethod();

    }

}

class MethodLocalVariableDemo {

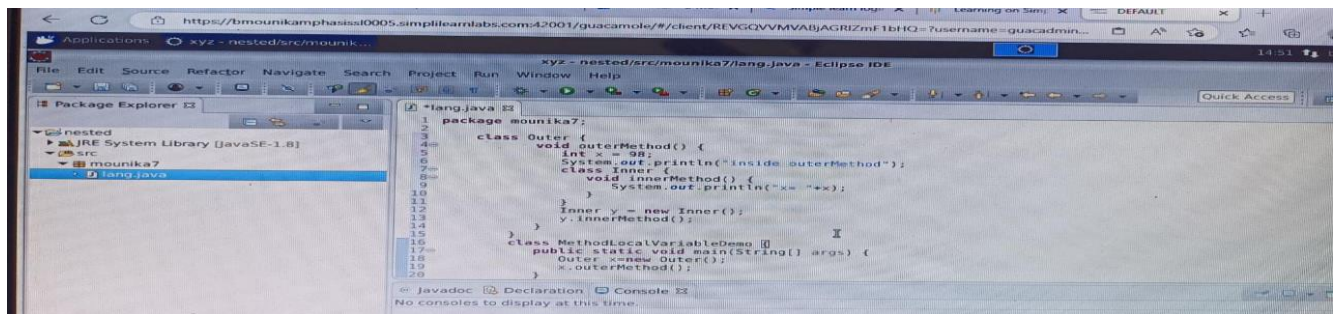
    public static void main(String[] args) {

        Outer x=new Outer();

        x.outerMethod();

    }

}
```



2: Nested inner class

```
package mounika7;

public class eng {

    // Class 1

    // Outer class

    class Outer {

        // Method defined inside outer class

        void outerMethod()

        {

            // Print statement

            System.out.println("inside outerMethod");

        }

        // Class 2

        // Inner class

        class Inner {

            // Main driver method
```

```
public static void main(String[] args)

{

    // Display message for better readability

    System.out.println("inside inner class Method");

}

}
```

