**Program 08 : Outer class**

**Develop a JAVA program to create an outer class with a function display. Create another class inside the outer class named inner with a function called display and call the two functions in the main class.**

**Java Code**

class Outer {

void display() {

System.out.println("Outer class display method");

}

class Inner {

void display() {

System.out.println("Inner class display method");

}

}

}

public class OuterInnerDemo {

public static void main(String[] args) {

// Create an instance of the Outer class

Outer outer = new Outer();

// Call the display method of the Outer class

outer.display();

// Create an instance of the Inner class (nested inside Outer)

Outer.Inner inner = outer.new Inner();

// Call the display method of the Inner class

inner.display();

}

}

### Output

$ java OuterInnerDemo

Outer class display method

Inner class display method