**Member Inner class**

* A non-static class that is created inside a class but outside a method is called member inner class. It is also known as a regular inner class.

**Example**

class Outer

{

class Inner{

void show(){

System.out.println("show()...");

}

}

public static void main(String args[]){

Outer obj=new Outer();

Outer.Inner in=obj.new Inner();

in.show();

}

}

**Local inner class**

* A class created inside a method is called local inner class.

**Example**

public class LocalInner{

void display(){

class Local{

void display1(){

System.out.println("display");

}

}

Local l=new Local();

l.display1();

}

public static void main(String args[]){

LocalInner obj=new LocalInner();

obj.display();

}

}

**static nested class**

* A static class is a class that is created inside a class, is called a static nested class.

**Example**

class Outer{

static class Inner{

void display(){

System.out.println("dispaly");

}

}

public static void main(String args[]){

Outer.Inner obj=new Outer.Inner();

obj.display();

}

}

**Anonymous inner class**

* Anonymous inner class is an inner class without a name.