NESTED INNER CLASSES:

**Nested Inner Class:**

public class outer{

class inner{

public void print(){  
 System.out.println(“ nested inner class”);

}}

public static void main(String args[]){  
 outer out=new outer();

outer.inner x=out.new inner();

x.print();

}}

**Anonymous Inner Class:**

 abstract class outer{

abstract void print();

void print() {

System.out.println("superclass method");

}

}

class anonymous{

public static void main(String[] args) {

outer out=new outer(){

void print(){

sout(“hello”);

};

out.print();

}}

**Local Inner class:**

class outer{

public void method(){  
 class inner{

public void Inner(){  
 System.out.println(“inner class method”);

}

inner x = new inner();

x.Inner();

}}

public static void main(String args[]){

outer x=new outer();

x.method();

}}

**Static Nested Inner Classes:**

class outer{

public static class inner{

public void print() {

System.out.println("print from static inner class");

}}

public static void main(String[] args) {

outer.inner x=new outer.inner();

x.print();

}}