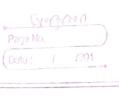
02-September-2017 NON-STATIC NESTED CLASS · In Non-Static nested class if Inner' class is not inheriting 'x' (Non-Static D.M.) of Outaticher, then how isit using 'x' in its 'show' of without creating object of outer class. So, To see this process of using Mon-Static Data Member without inheriting we use a tool of java known as javap. janap' toal->50% L'aives prototype of all functions, Constructors, data members of class To use janap Tool. D:/21 > javac Outer java D:/f1>janap Outer Now to redirect all this information to D:/12 > janap@Outer > abc.txt. ON USING javap In jdk 1.7. on using a class Outer extends joner. Lang. Object shows every class has object class. Class

| | Page No. Date: 1 /201 |
|--|----------------------------|
| Using On Inner Class | |
| class Outer\$ Inner extends jana. Jo | ang Object |
| final Outer [this \$0]; Being us Outer & Inner (Outer); | ed in 'showw. |
| Void show; tweet when a isweet this so is placed by | by 64. 4 |
| a : in byw them | |
| * This is how inner class | s access x. |
| O. new innoc () | |
| this | |
| 0 \$ dut | <i>(</i> |
| Using Non-Static Nested Class by e | extending in Juter Clas |
| Class Temp extends Outer. Inner | |
| (missing) | |
| } | |
| This perogram will give overer. This | |
| | J |



LOCAL NESTED CLASS

Nax

· To use a Jocal Blata Member in Local Nested Class we have had to make Data Member 'final' till jdk 1.7

Member 'final' till jdk 1.7

But Now its not required to make Local Data members 'final' from jdk 1.8

Example:

Class Local Inner 1

int x=10; static int y=100;

void display()

int p=30; //it had to be final till jdk 1.7

class Inner

public void show()

Sop(p); Sop(x);

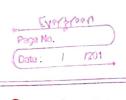
Soply);

Inner m = new Inner(); m. show();

PDVm()

Local Inners 0 = new Local Inner 1U;

O. display ();



Example: - Running show() prom Outer Class i.e. Local Inner

Class I oral Inner

psym()

int x=10; {

Static inty=100; LocalInner 0= new LocalInner 0;

My display();

The state of the play(); z = 0 display(); z = 0 display(); z = 0 display(); z = 0 display();

class Inner implements My

Public void show();

Sop(p); void show();

Sop(x); Sop(y);

> My m=new Inner(); exeturn m;