**Java-8 – Anonymous Inner Class vs Lambda Expression**

* **Part\_03:**

Difference with “***this***” keyword

Anonymous Inner class:

Inside anonymous inner class, we can declare instance

variable.

Inside anonymous inner class, this always refer to current

Inner class instance variable.

Example:

interface Interf{

public void m1();

}

class Test{

int x = 888;

public void m2(){

Interf interf = new Interf(){

public void m1(){

System.out.println(this.x);

}

};

i.m1()

}

public static void main(String[] args){

Test t = new Test();

t.m2();

}

}

Lambda Expression:

Inside lambda expression we can’t declare instance

variable.

Inside lambda expression this always refer to outer class

variable.

Example:

interface Interf{

public void m1();

}

class Test{

int x = 888;

public void m2(){

Interf interf = () -> {

int x=999;

System.out.println(this.x); //888

};

i.m1();

}

public static void main(String[] args){

Test t = new Test();

t.m2();

}

}