Anonymous inner class VS Lambda Expression

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a class without having name is called Anonymous inner class.

EX:1

Thread t= **new Thread( );**
{ **for that implementation class we are creating an Object.**

a class without having any name is called Anonymous inner class
.....
}

we are writing a class that extends a Thread class.

Ex:2

Runnable r = **new Runnable( )**

{ **for this class we are implementing Runnable interface**
.....
a class without having any name is called Anonymous inner class
}

we are writing a class that implements a Runnable interface.

a class without having any name is called Anonymous inner class

Anonymous inner class most power full then lambda expression.

Interface A{

anonymous inner class implements an interface that contains single abstract method, then

single abstract method then only we can replace annonymous inner class with lambda expression.

```
public void m1( );
public void m2( );
}

A a =new A( ){
public void m1( ){
.....................
}
public void m2( ){

}
}
```

Annonymous inner class ! =Lambda Expression

Anonymous inner class > Lambda expression

if anonymous inner class implements an interface that contains single abstract method then only we can replace annonymous inner class with lambda expression.

Anonymous inner calss

Anonymous inner class can extends a normal class
Anonymous inner class can extends a abstract class
Anonymous inner class can implement an interface which contains any number of abstract methods.

Lambda Expression

lambda expression can implementy an interface which contain single abstract method

1) if the Employee class has employee id and salary then how to find the Second Highest salary based on Employee id ?