```
class PopCorn{
    public void taste(){
      System.out.println("Spicy...");
    }
}
```

```
//Created Object for PopCorn clas
PopCorn p = new PopCorn();
```

```
PopCorn p = new PopCorn()
{

};
```

1. We are creating a child class for PopCorn class without a name for it .
2. Collecting the Child class reference in Parent class called PopCorn.

```
PopCorn p = new PopCorn()
{
    @Override
    public void taste()
    {
        System.out.println("Salty...");
    }
};
```

1. We are Overriding the method from the Parent class called "taste"

1. Anonymous inner class extends a class.

```
Thread t1 =new Thread()
{
   @Override
   public void run(){
      //logic for a thread
      for (int i =0;i<5 ;i++ )
      {
          System.out.println("Child thread::Anonymous Inner class");
      }
   }
};
t1.start();
```

```
Runnable r = ()->
             {   //logic for a thread
                 for (int i =0;i<5 ;i++ )
                 {
                     System.out.println("Child thread::Lambda Expression");
                 }
             };

new Thread(r).start();
```

2. Anonymous inner class implements an interface.

```
Runnable r1 = new Runnable()
{
    @Override
    public void run()
    {
        //logic for a thread
        for (int i =0;i<5 ;i++ )
        {
            System.out.println("Child thread::Ananymous Inner class");
        }
    }
};
new Thread(r1).start();
```

```
Runnable r = ()->
             {   //logic for a thread
                 for (int i =0;i<5 ;i++ )
                 {
                     System.out.println("Child thread::Lambda Expression");
                 }
             };

new Thread(r).start();
```

Anonymous inner class that is defined inside method argument

```
new Thread(
        new Runnable()
        {
            @Override
            public void run()
            {
                //logic for a thread
                for (int i =0;i<5 ;i++ )
                {
                    System.out.println("Child thread::Ananymous Inner class");
                }
            }
        }
    ).start();
```