

```

1  -----OuterClass.java-----
2  package com.ameya.classes;
3
4  public class OuterClass {
5
6      int out_i=10;
7      public void printOuterClassValue() {
8          System.out.println("Outer Class out_i :: "+out_i);
9          System.out.println("InnerClass in_i :: "+new InnerClass().in_i);
10     }
11     public static class InnerClass{
12         int in_i=20;
13         public void printValues() {
14             System.out.println("InnerClass in_i :: "+in_i);
15             System.out.println("OuterClass out_i :: "+new
                OuterClass().out_i);
16         }
17     }
18 }
19 -----TestInnerClass.java-----
20 package com.ameya.classes;
21
22 import com.ameya.classes.OuterClass.InnerClass;
23
24 public class TestInnerClass {
25
26     public static void main(String[] args) {
27         OuterClass obj=new OuterClass();
28         obj.printOuterClassValue();
29
30         //OuterClass.InnerClass obj1=new OuterClass().new InnerClass();
31         OuterClass.InnerClass obj1=new OuterClass.InnerClass();
32         obj1.printValues();
33     }
34
35 }
36 -----TestStaticBlock.java-----
37 package com.ameya.classes;
38
39 public class TestStaticBlock {
40     public static void main(String[] args) {

```

```
41      System.out.println("This is the main method !!");
42
43  }
44
45  static {
46      System.out.println("Static Block .....!!");
47      //System.exit(0);
48  }
49 }
50
```