Source Code:

```
class OuterClass {
      int x = 10;

      class InnerClass {
       int y = 5;
      }
     }

     public class Inner{
      public static void main(String[] args) {
       OuterClass myOuter = new OuterClass();
       OuterClass.InnerClass myInner = myOuter.new InnerClass();
       System.out.println(myInner.y + myOuter.x);
      }
     }
```

Static Inner Class:

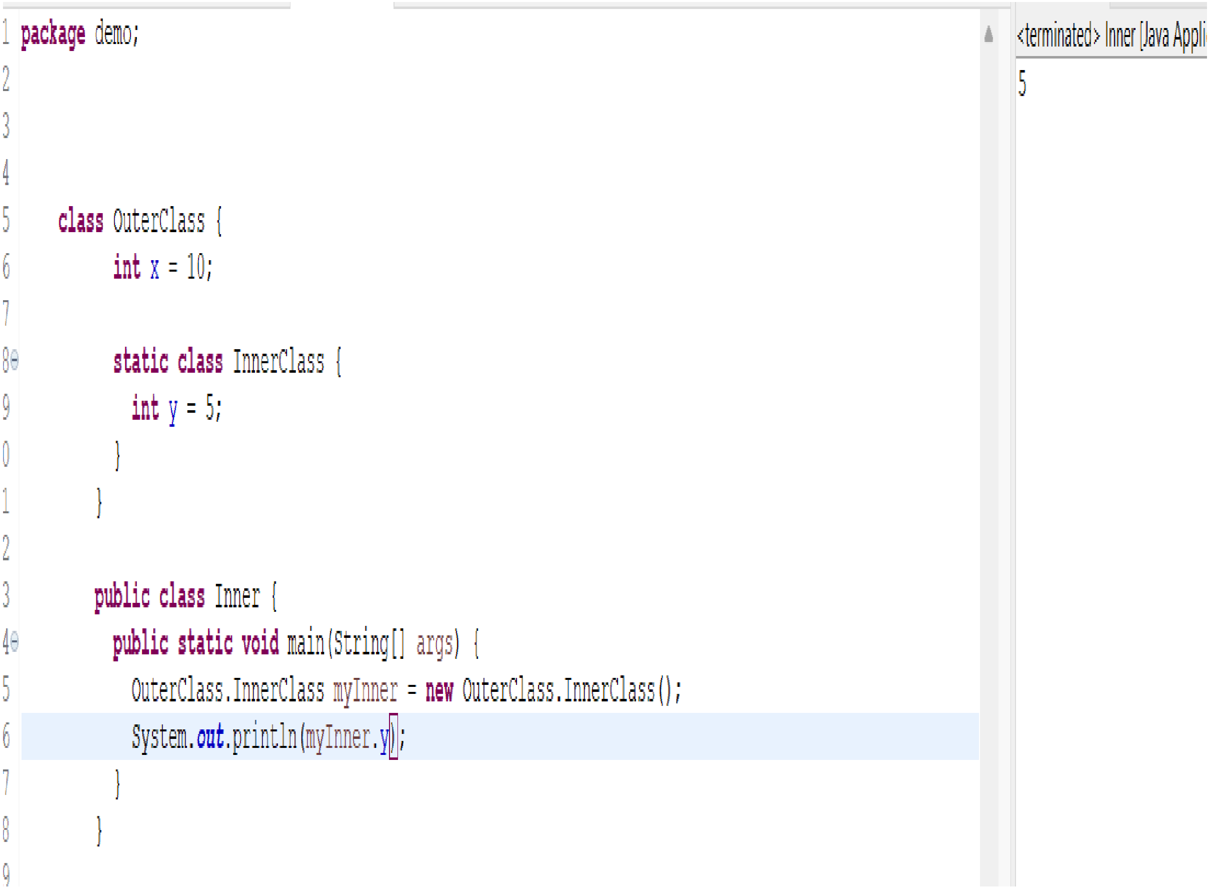
```
class OuterClass {
      int x = 10;

      class InnerClass {
       int y = 5;
      }
     }

     public class Inner {
      public static void main(String[] args) {
       OuterClass myOuter = new OuterClass();
       OuterClass.InnerClass myInner = myOuter.new InnerClass();
       System.out.println(myInner.y + myOuter.x);
      }
     }
```

Access Outer Class From Inner Class

```
class OuterClass {
      int x = 10;

      class InnerClass {
```

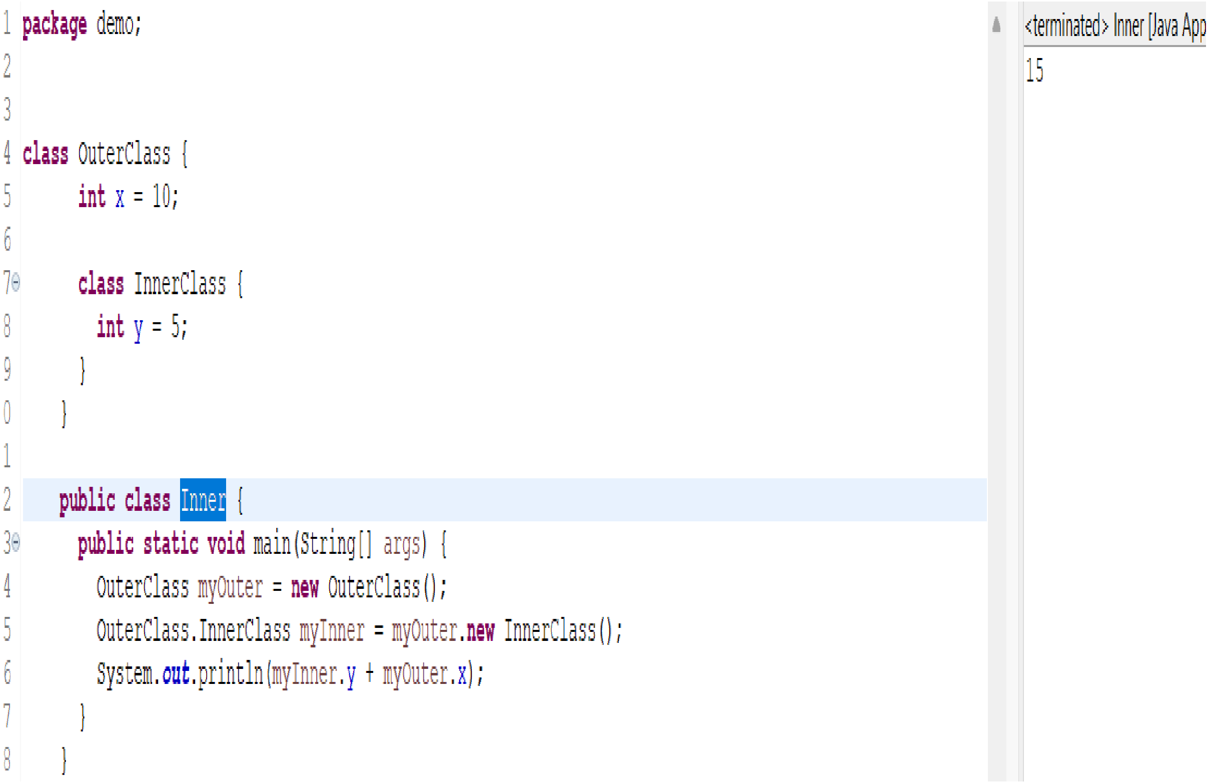
```
      public int myInnerMethod() {
        return x;
      }
    }
  }

  public class Inner {
    public static void main(String[] args) {
      OuterClass myOuter = new OuterClass();
      OuterClass.InnerClass myInner = myOuter.new InnerClass();
      System.out.println(myInner.myInnerMethod());
    }
  }
```

<u>Outputs:</u>



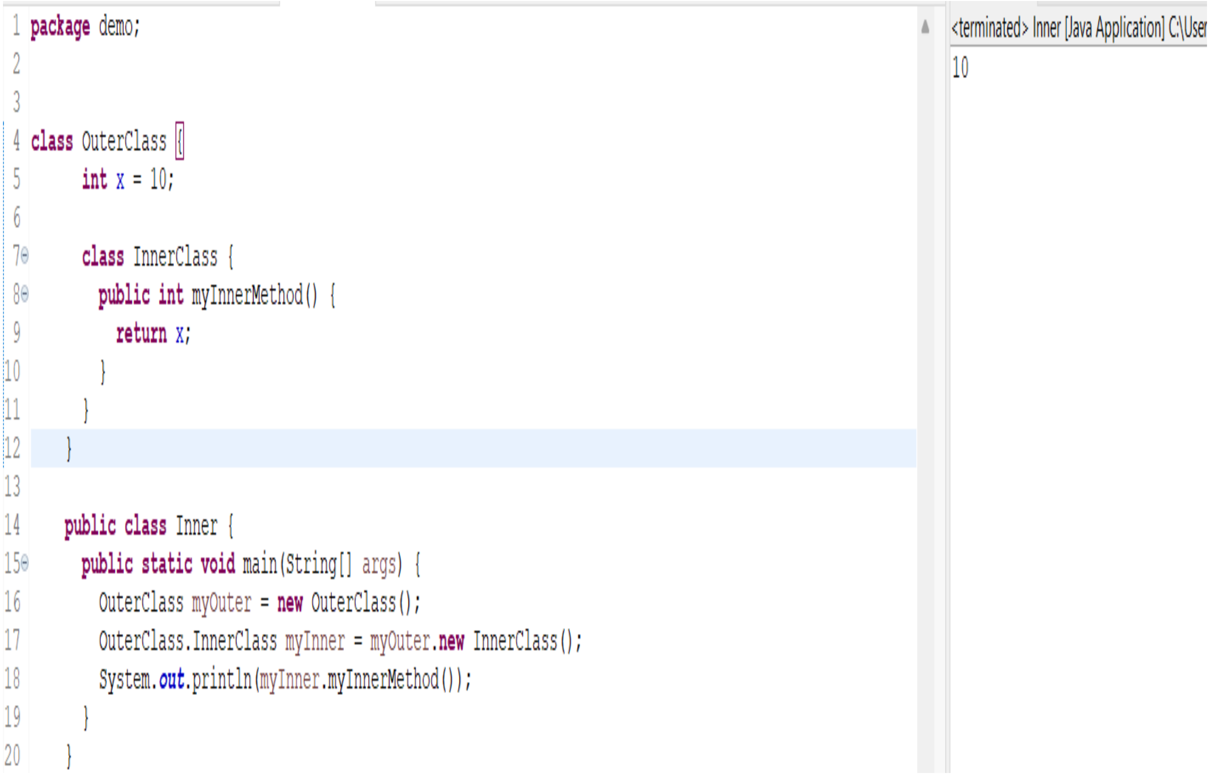
```
package demo;



  class OuterClass {
      int x = 10;

      static class InnerClass {
        int y = 5;
      }
    }

    public class Inner {
      public static void main(String[] args) {
        OuterClass.InnerClass myInner = new OuterClass.InnerClass();
        System.out.println(myInner.y);
      }
    }
```

```
<terminated> Inner [Java Appli
5
```



```
package demo;


class OuterClass {
   int x = 10;

   class InnerClass {
    int y = 5;
   }
  }

  public class Inner {
   public static void main(String[] args) {
    OuterClass myOuter = new OuterClass();
    OuterClass.InnerClass myInner = myOuter.new InnerClass();
    System.out.println(myInner.y + myOuter.x);
   }
  }
```

```
<terminated> Inner [Java App
15
```



```
package demo;


class OuterClass {
   int x = 10;

   class InnerClass {
    public int myInnerMethod() {
     return x;
    }
   }
  }

  public class Inner {
   public static void main(String[] args) {
    OuterClass myOuter = new OuterClass();
    OuterClass.InnerClass myInner = myOuter.new InnerClass();
    System.out.println(myInner.myInnerMethod());
   }
  }
```

```
<terminated> Inner [Java Application] C:\User
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```