Inner class:

```
public class OuterClass {
 private int outerField;


 public OuterClass(int outerField) {
 this.outerField = outerField;
 }


 public void outerMethod() {
 System.out.println("This is an outer method.");
 }


 public class InnerClass {
 private int innerField;


 public InnerClass(int innerField) {
 this.innerField = innerField;
 }


 public void innerMethod() {
 System.out.println("This is an inner method.");
 }


 public void accessOuter() {
 System.out.println("Accessing outer field: " + outerField);
```

```
outerMethod();
}
}

public static void main(String[] args) {
OuterClass outer = new OuterClass(42);
OuterClass.InnerClass inner = outer.new InnerClass(24);
inner.accessOuter();
}

}
```