**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();

}

}