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public class AccessModifier {

    public static void main(String[] args) {

        // Create a new instance of the MyClass class
        MyClass myObj = new MyClass();

        // Access the public method of the MyClass instance
        myObj.publicMethod();

        // Attempt to access the private method of the MyClass instance (this will
        result in a compile-time error)
        // myObj.privateMethod(); // Uncommenting this line will result in a
        compile-time error
    }
}

class MyClass {
    // Public field
    public int publicField = 0;

    // Private field
    // private int privateField = 0;

    // Public method
    public void publicMethod() {
        System.out.println("This is a public method.");
    }

    // Private method
    class Myclass
    {
        private void display()
        {
            System.out.println("you are using private access specifier");
        }
    }
}

public class accessModifiers2
{
    public void privateMethod()
    {
        System.out.println("private Access Modifier");
    }
}

```

