// Java Program to Check if a Given Class is  an Inner Class

**import** java.lang.reflect.Modifier;

**class** GFG {

**public** **static** **void** main(String[] args)

    {

        GFG gfg = **new** GFG();

        InnerClass innerClass = gfg.**new** InnerClass();

                StaticNestedClass statNested

            = **new** StaticNestedClass();

        Class classInstance1 = innerClass.getClass();

        Class classInstance2 = statNested.getClass();

**boolean** isNested1

            = classInstance1.getEnclosingClass() != **null**;

**boolean** isNested2

            = classInstance2.getEnclosingClass() != **null**;

**boolean** isStatic1 = Modifier.isStatic(

            classInstance1.getModifiers());

**boolean** isStatic2 = Modifier.isStatic(

            classInstance2.getModifiers());

        System.out.println(

            "Is innerClass an inner class object? : "

            + (isNested1 && !isStatic1));

        System.out.println(

            "Is statNested an inner class object? : "

            + (isNested2 && !isStatic2));

    }

**class** InnerClass {

    }

**static** **class** StaticNestedClass {

    }

}