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#### JAVA ASSIGNMENT 4

```
/*
 *
 * Write a Java program as per following requirements:
 * 1. Create one Outer class and one Inner class
 * 2. Declare two instance variables and one method in each class
 * 3. Access outer class members through inner class object
 *
 */
class Outer{
    int a=10;
    int b=20;
    void m1(){
        System.out.println("Outer Method");
    }
    class Inner{
        int a=100;
        int b=200;
        void m1(Inner i){

            System.out.println("Inner Method");
        }
    }

    public static void main(String[] args) {
        Outer o = new Outer();

        Outer.Inner i = o.new Inner();

        i.m1(i);
    }
}
```

## OUTPUT

```
PS C:\Coding\IMCC\IMCC-Practicals> & 'C:\Program Files\Java\jdk-11.0.10\bin\java.exe' '-cp' 'C:\Users\Omkar\AppData\Roaming\Code\User\workspaceStorage\9680f1d51603dd36e86d94b7f8491381\redhat.java\jdt_ws\IMCC-Practicals_e5960629\bin' 'Outer'
Inner Method
PS C:\Coding\IMCC\IMCC-Practicals>
```