

Problem statement: write a program in java to verify the implementations of inner classes

```
package outer;

public class Outer {

    int a=10;

    class Inner{

        public void msg() {

            System.out.println(a);

            System.out.println("Inner");

        }}

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        Outer a=new Outer();

        Outer.Inner b=a.new Inner();

        b.msg();

        Inner anonymousInner=new Outer().new Inner() {

            public void msg() {

                System.out.println("Anonymous");

            }

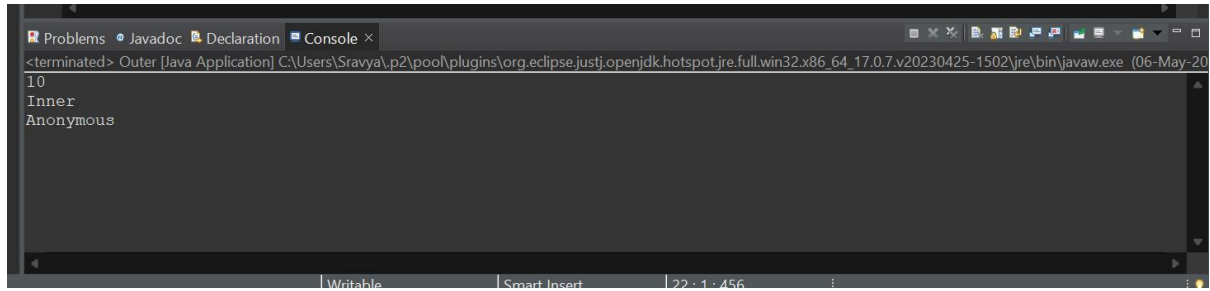
        };

        anonymousInner.msg();

    }

}
```

Output:



```
<terminated> Outer [Java Application] C:\Users\Sravva\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (06-May-2023)
10
Inner
Anonymous
```