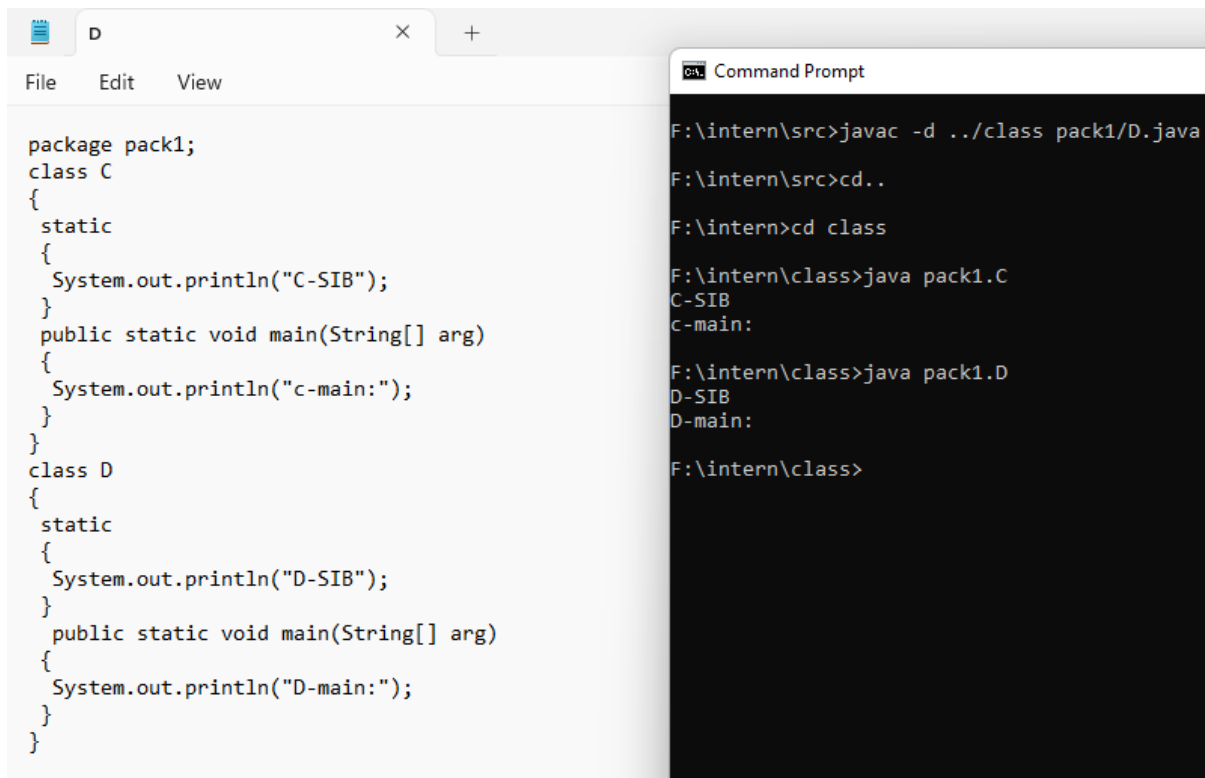


## Day 6: part2

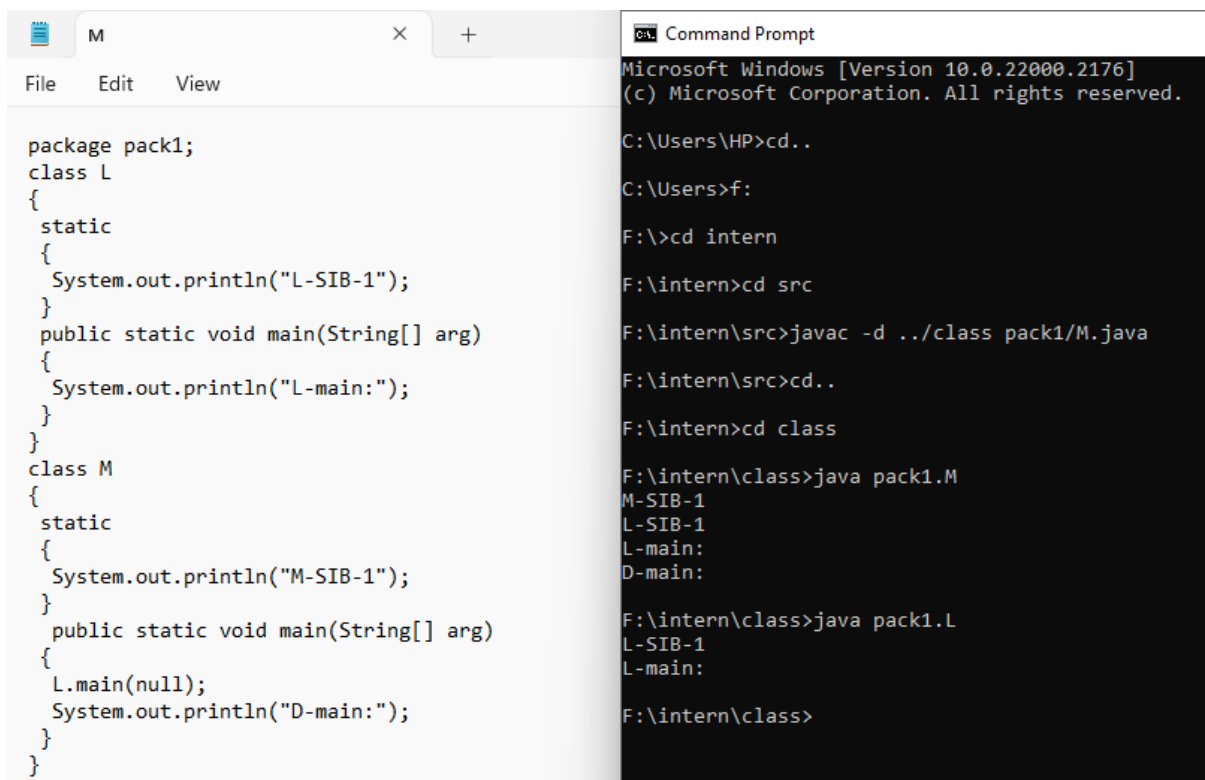


The screenshot shows an IDE window with a file named 'D' containing the following Java code:

```
package pack1;
class C
{
    static
    {
        System.out.println("C-SIB");
    }
    public static void main(String[] arg)
    {
        System.out.println("c-main:");
    }
}
class D
{
    static
    {
        System.out.println("D-SIB");
    }
    public static void main(String[] arg)
    {
        System.out.println("D-main:");
    }
}
```

The Command Prompt shows the following commands and output:

```
F:\intern\src>javac -d ../class pack1/D.java
F:\intern\src>cd..
F:\intern>cd class
F:\intern\class>java pack1.C
C-SIB
c-main:
F:\intern\class>java pack1.D
D-SIB
D-main:
F:\intern\class>
```



The screenshot shows an IDE window with a file named 'M' containing the following Java code:

```
package pack1;
class L
{
    static
    {
        System.out.println("L-SIB-1");
    }
    public static void main(String[] arg)
    {
        System.out.println("L-main:");
    }
}
class M
{
    static
    {
        System.out.println("M-SIB-1");
    }
    public static void main(String[] arg)
    {
        L.main(null);
        System.out.println("D-main:");
    }
}
```

The Command Prompt shows the following commands and output:

```
Microsoft Windows [Version 10.0.22000.2176]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HP>cd..
C:\Users>f:
F:\>cd intern
F:\intern>cd src
F:\intern\src>javac -d ../class pack1/M.java
F:\intern\src>cd..
F:\intern>cd class
F:\intern\class>java pack1.M
M-SIB-1
L-SIB-1
L-main:
D-main:
F:\intern\class>java pack1.L
L-SIB-1
L-main:
F:\intern\class>
```

```
File Edit View

package pack1;
class N
{
    static int i=10;
    static
    {
        System.out.println("N-SIB-1");
    }
}
class O
{
    static
    {
        System.out.println("O-SIB-1");
    }
    public static void main(String[] arg)
    {
        System.out.println("O-main:");
        System.out.println("N.i");
        System.out.println("N.i");
        System.out.println("O-main:");
    }
}
```

```
Command Prompt

F:\intern>cd src
F:\intern\src>javac -d ../class pack1/O.java
F:\intern\src>cd..
F:\intern>cd class
F:\intern\class>java pack1.O
O-SIB-1
O-main:
N.i
N.i
O-main:

F:\intern\class>
```

```
File Edit View

package pack1;
class N
{
    static int i=10;
    static
    {
        System.out.println("N-SIB-1");
    }
    static void test()
    {
        System.out.println("from test method class N");
    }
    static
    {
        System.out.println("from N-STB-2");
    }
}
class O
{
    static
    {
        System.out.println("O-STB-1");
    }
    public static void main(String[] arg)
    {
        System.out.println("O-main");
        N.test();
        System.out.println(N.i);
        System.out.println("from main method");
        System.out.println(N.i);
        N.test();
        System.out.println("from main method");
        N.test();
        System.out.println("O-main");
    }
    static
    {
        System.out.println("from O STB-2");
    }
}
```

```
Command Prompt

F:\intern\src>javac -d ../class pack1/O.java
F:\intern\src>cd..
F:\intern>cd class
F:\intern\class>java pack1.O
O-STB-1
from O STB-2
O-main
N-SIB-1
from N-STB-2
from test method class N
10
from main method
10
from test method class N
from main method
from test method class N
O-main

F:\intern\class>
```