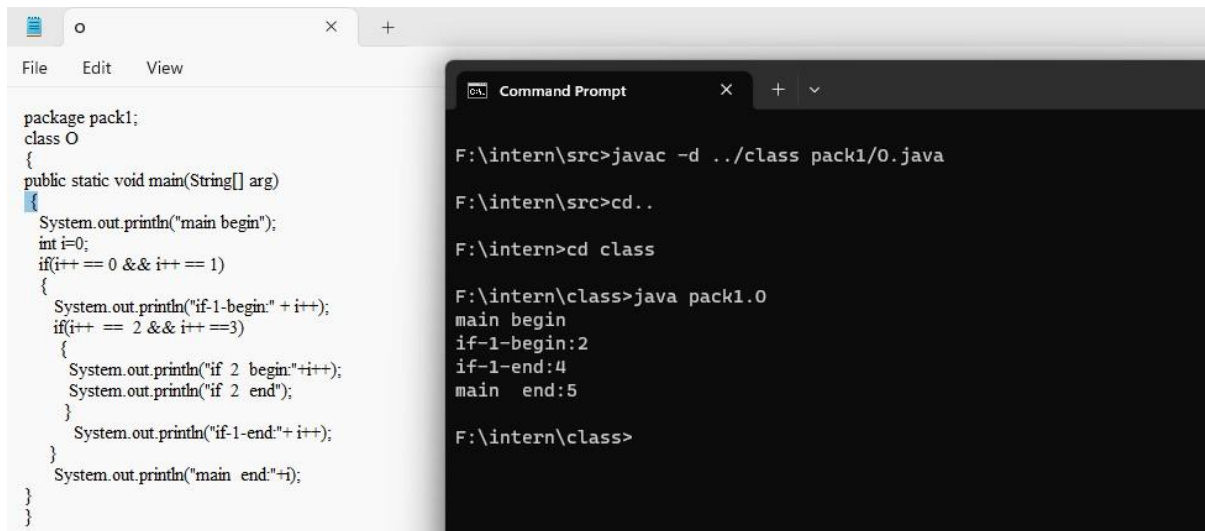


Day 12

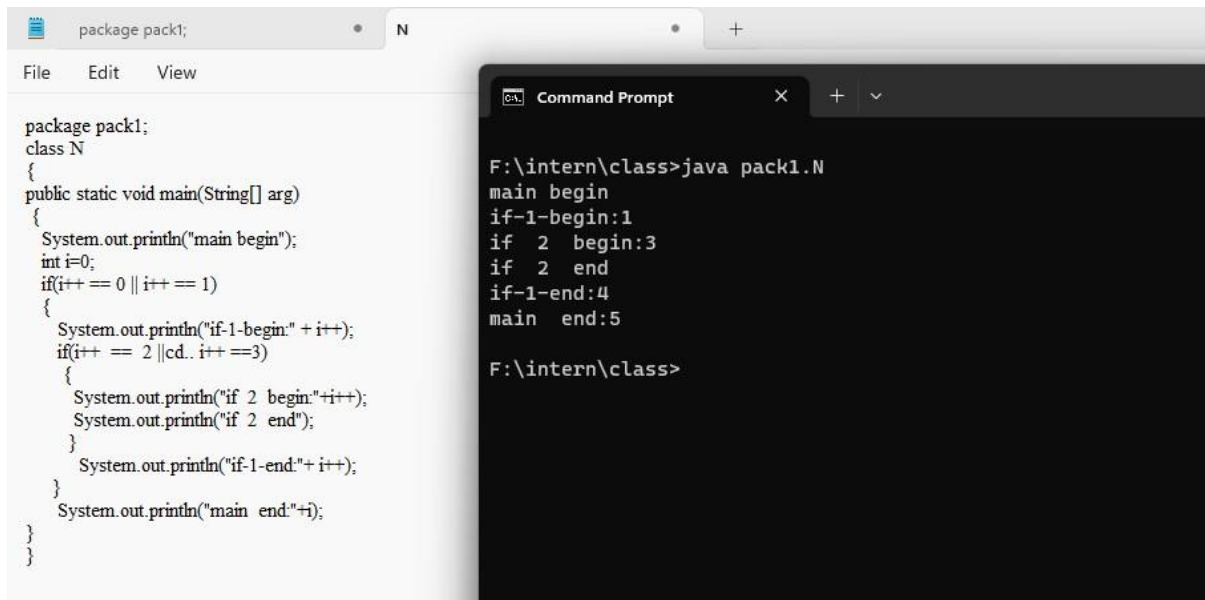


The screenshot shows an IDE window with a Java file named `O.java` and a Command Prompt window. The IDE window displays the following code:

```
package pack1;
class O
{
    public static void main(String[] arg)
    {
        System.out.println("main begin");
        int i=0;
        if(i++ == 0 && i++ == 1)
        {
            System.out.println("if-1-begin:" + i++);
            if(i++ == 2 && i++ == 3)
            {
                System.out.println("if 2 begin:" + i++);
                System.out.println("if 2 end");
            }
            System.out.println("if-1-end:" + i++);
        }
        System.out.println("main end:" + i);
    }
}
```

The Command Prompt window shows the following commands and output:

```
F:\intern\src>javac -d ../class pack1/O.java
F:\intern\src>cd ..
F:\intern>cd class
F:\intern\class>java pack1.O
main begin
if-1-begin:2
if-1-end:4
main end:5
F:\intern\class>
```



The screenshot shows an IDE window with a Java file named `N.java` and a Command Prompt window. The IDE window displays the following code:

```
package pack1;
class N
{
    public static void main(String[] arg)
    {
        System.out.println("main begin");
        int i=0;
        if(i++ == 0 || i++ == 1)
        {
            System.out.println("if-1-begin:" + i++);
            if(i++ == 2 || i++ == 3)
            {
                System.out.println("if 2 begin:" + i++);
                System.out.println("if 2 end");
            }
            System.out.println("if-1-end:" + i++);
        }
        System.out.println("main end:" + i);
    }
}
```

The Command Prompt window shows the following commands and output:

```
F:\intern\class>java pack1.N
main begin
if-1-begin:1
if 2 begin:3
if 2 end
if-1-end:4
main end:5
F:\intern\class>
```

```
package pack1;
class M
{
    public static void main(String[] arg)
    {
        System.out.println("main begin");
        int i=0;
        if(i++ == 0)
        {
            System.out.println("if-1-begin" + i++);
            if(i++ == 1)
            {
                System.out.println("if 2 begin" + i++);
                System.out.println("if 2 end");
            }
            System.out.println("if-1-end" + i++);
        }
        System.out.println("main end" + i);
    }
}
```

```
F:\intern\class>cd..

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
main begin
if-1-begin:1
if-1-end:3
main end:4

F:\intern\class>
```

```
package pack1;
class L
{
    public static void main(String[] arg)
    {
        System.out.println("main begin");
        if(true)
        {
            System.out.println("if-1-begin");
            if(false)
            {
                System.out.println("if 2 begin");
                System.out.println("if 2 end");
            }
            System.out.println("if-1-end");
        }
        System.out.println("main end");
    }
}
```

```
F:\intern\class>cd..

F:\intern>cd src

F:\intern\src>javac -d ../class pack1/L.java

F:\intern\src>cd..

F:\intern>cd class

F:\intern\class>java pack1.L
main begin
if-1-begin
if-1-end
main end

F:\intern\class>
```

```
package pack1;
class F
{
public static void main(String[] arg)
{
    System.out.println("main begin");
    int i=10;
    if(i==10)
    {
        System.out.println("if block stmt-1");
        System.out.println("if block stmt-1");
        i=20;
        System.out.println("if block stmt-3");
    }
    System.out.println("main end");
}
}
```

```
Command Prompt
F:\intern>cd src
F:\intern\src>javac -d ../class pack1/F.java
F:\intern\src>cd..
F:\intern>cd class
F:\intern\class>java pack1.F
main begin
if block stmt-1
if block stmt-1
if block stmt-3
main end
F:\intern\class>
```