

```

1 // Example 5.1 foi/examples/SwitchDemo.java
2 //
3 //
4 // Copyright 2003 Bill Campbell and Ethan Bolker
5
6 // A class illustrating the Switch statement
7
8 // %> java SwitchDemo
9 // Enter an integer: 2
10 // two
11 // Notice the importance of the breaks!
12 // The same statement without the breaks:
13 // two
14 // three
15 // Not one, two or three!
16 // Enter a character: y
17 // yes
18 // %>
19
20 public class SwitchDemo
21 {
22     public static void main( String[] args )
23     {
24         Terminal terminal = new Terminal();
25
26         int i = terminal.readInt( "Enter an integer: " );
27
28         switch ( i ) {
29             case 1:
30                 terminal.println( "one" );
31                 break;
32             case 2:
33                 terminal.println( "two" );
34                 break;
35             case 3:
36                 terminal.println( "three" );
37                 break;
38             default:
39                 terminal.println( "Not one, two or three!" );
40         }
41
42         terminal.println( "Notice the importance of the breaks!" );
43         terminal.println( "The same statement without the breaks:" );
44
45         switch ( i ) {
46             case 1:
47                 terminal.println( "one" );
48             case 2:
49                 terminal.println( "two" );
50             case 3:
51                 terminal.println( "three" );
52             default:
53                 terminal.println( "Not one, two or three!" );
54         }
55
56         switch ( terminal.readChar( "Enter a character: " ) ) {

```

```

57         case 'y':
58             terminal.println( "yes" );
59             break;
60         case 'n':
61             terminal.println( "no" );
62             break;
63         default:
64             terminal.println( "Neither yes nor no." );
65     }
66 }
67 }

```