

```
1  (* Example 12.5 GET_STEP and SET_STEP for counter-based sequencer *)
2
3  (* Copyright (c) 2011 Dogwood Valley Press, LLC *)
4
```

```
5 FUNCTION GET_STEP: VOID
6 VAR_INPUT
7     StpNum: INT;
8     SArray: ARRAY[0..63] OF BOOL;
9 END_VAR
10 VAR_OUTPUT
11     Out: BOOL;
12 END_VAR
13 BEGIN
14     Out := SArray[StpNum];
15     OK := TRUE;
16 END_FUNCTION
17
18
```

```
19 FUNCTION SET_STEP: VOID
20 VAR_INPUT
21     In: BOOL;
22     StpNum: INT;
23 END_VAR
24 VAR_IN_OUT
25     SArray: ARRAY[0..63] OF BOOL;
26 END_VAR
27
28 BEGIN
29     SArray[StpNum] := In;
30     OK := TRUE;
31 END_FUNCTION
32
33
34
```