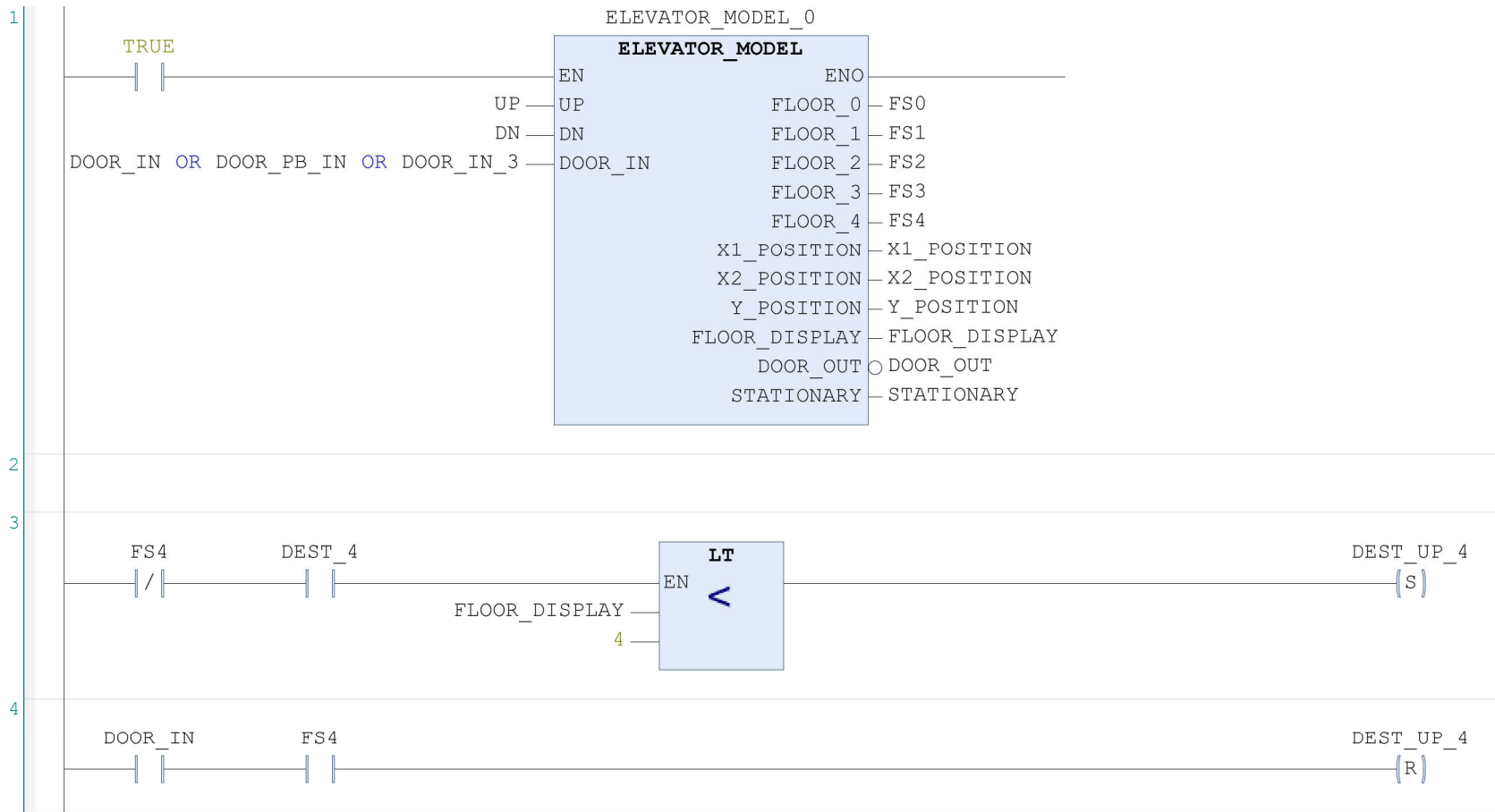
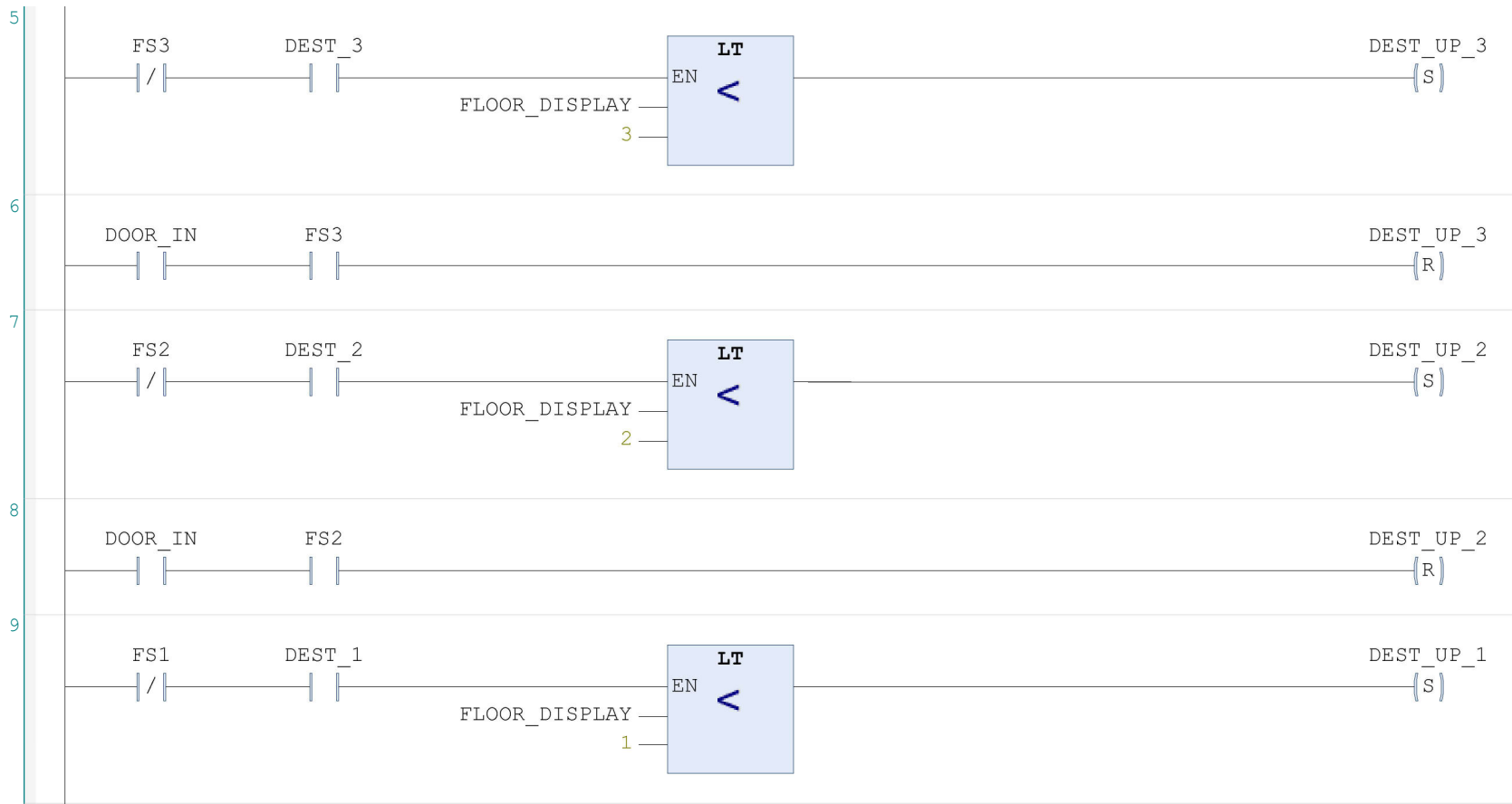
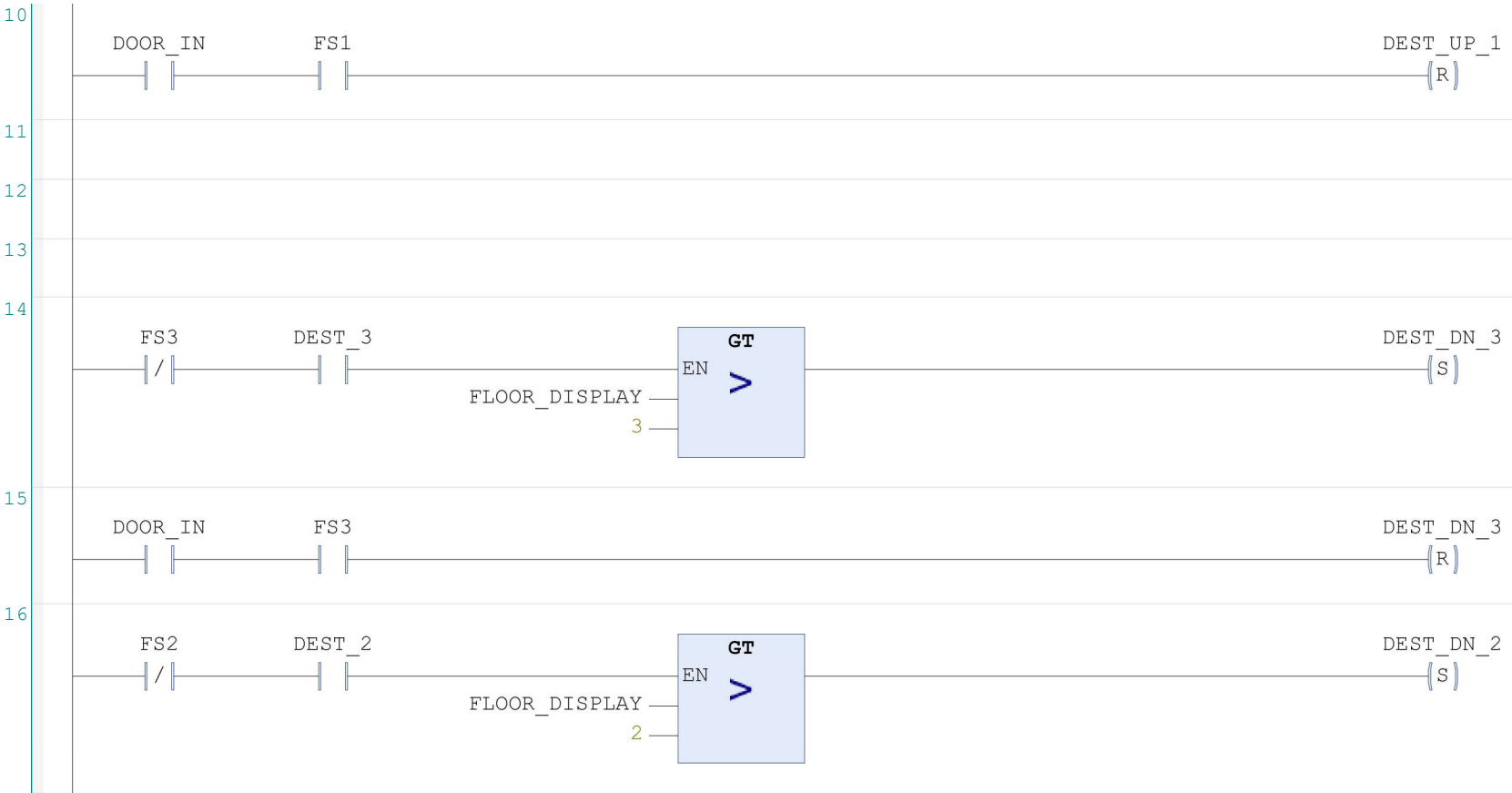


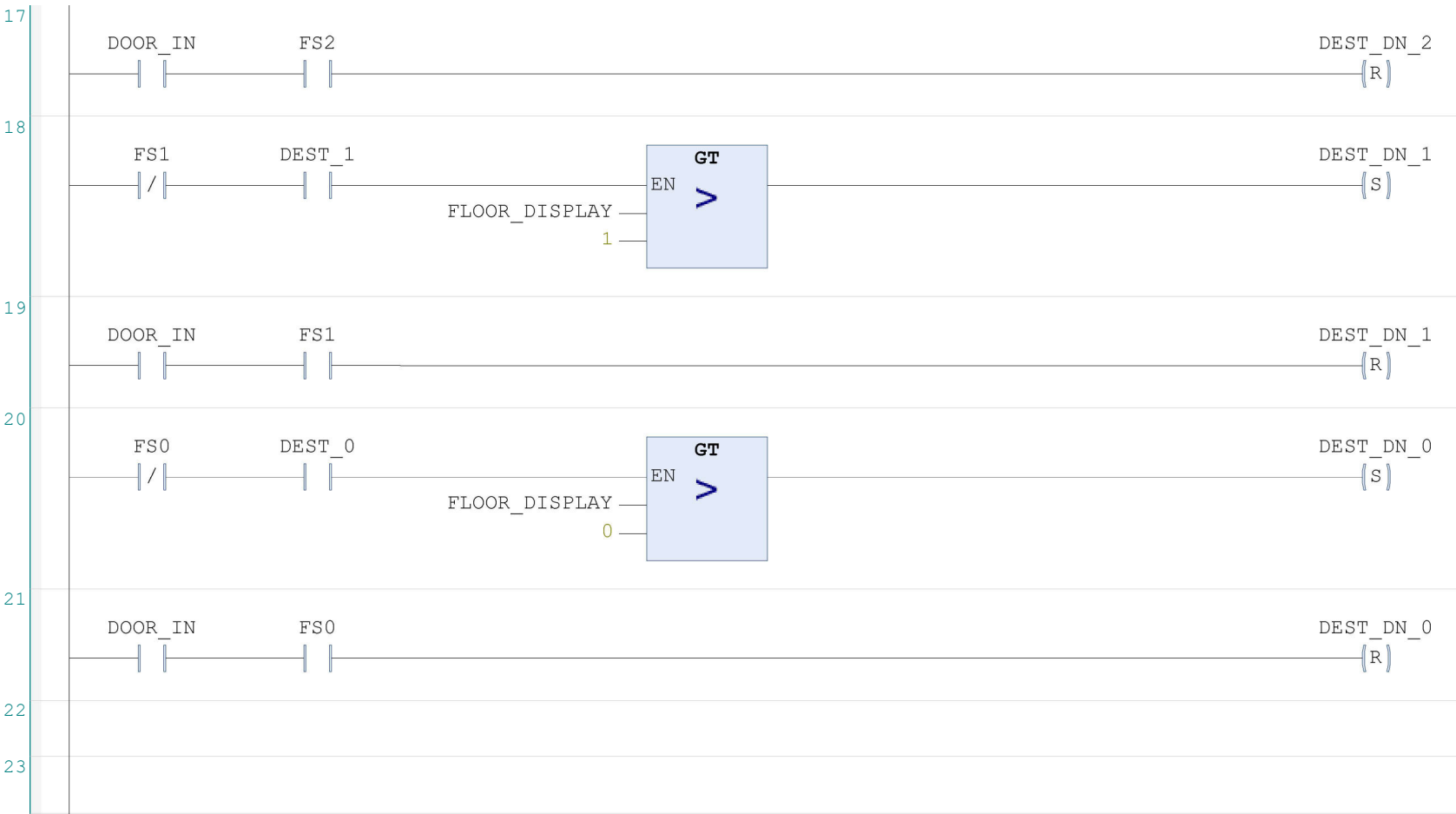
```
1  PROGRAM PLC_PRG
2  VAR
3      ELEVATOR_MODEL_0 : ELEVATOR_MODEL ;
4      UP : BOOL ;
5      DN : BOOL ;
6      FS0 : BOOL ;
7      FS1 : BOOL ;
8      FS2 : BOOL ;
9      FS3 : BOOL ;
10     FS4 : BOOL ;
11     Y_POSITION : REAL := 0 ;
12     FLOOR_DISPLAY : UINT ;
13     X1_POSITION : REAL := 0 ;
14     X2_POSITION : REAL := 0 ;
15
16
17     DEST_0 : BOOL ;
18     DEST_1 : BOOL ;
19     DEST_2 : BOOL ;
20     DEST_3 : BOOL ;
21     DEST_4 : BOOL ;
22     UP4 : BOOL ;
23     UP3 : BOOL ;
24     UP2 : BOOL ;
25     UP1 : BOOL ;
26     DN0 : BOOL ;
27     DN3 : BOOL ;
28     DN2 : BOOL ;
29     DN1 : BOOL ;
30
31     DOOR_IN : BOOL ;
32     DEST_UP_4 : BOOL ;
33     DEST_UP_3 : BOOL ;
34     DEST_UP_2 : BOOL ;
35     DEST_UP_1 : BOOL ;
```

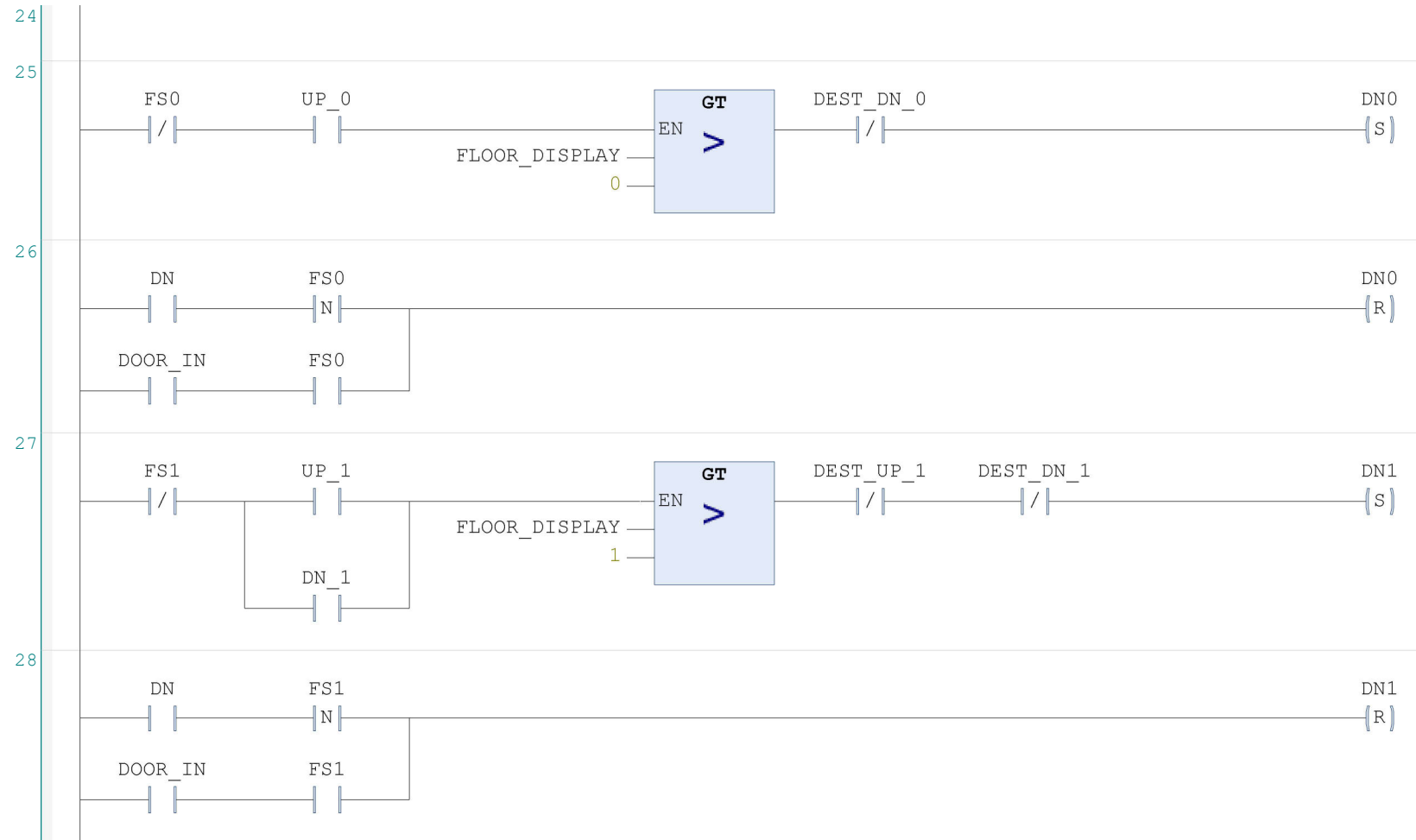
```
36     DEST_DN_3 : BOOL ;
37     DEST_DN_2 : BOOL ;
38     DEST_DN_1 : BOOL ;
39     DEST_DN_0 : BOOL ;
40     UP_0 : BOOL ;
41     UP_1 : BOOL ;
42     UP_2 : BOOL ;
43     UP_3 : BOOL ;
44     DN_4 : BOOL ;
45     DN_3 : BOOL ;
46     DN_2 : BOOL ;
47     DN_1 : BOOL ;
48     DOOR_IN_1 : BOOL ;
49     DOOR_IN_2 : BOOL ;
50     UP_PRESSED_3 : BOOL ;
51     UP_PRESSED_2 : BOOL ;
52     UP_PRESSED_1 : BOOL ;
53     UP_PRESSED_0 : BOOL ;
54     DN_PRESSED_4 : BOOL ;
55     DN_PRESSED_3 : BOOL ;
56     DN_PRESSED_2 : BOOL ;
57     DN_PRESSED_1 : BOOL ;
58     DOOR : BOOL ;
59     DOOR_PB : BOOL ;
60     DOOR_PB_IN : BOOL ;
61     DN_NEW : BOOL ;
62     UP_NEW : BOOL ;
63     DOOR_OUT : BOOL ;
64     STATIONARY : BOOL ;
65     DOOR_IN_3 : BOOL ;
66     DOOR_IN_4 : BOOL ;
67     END_VAR
68
```

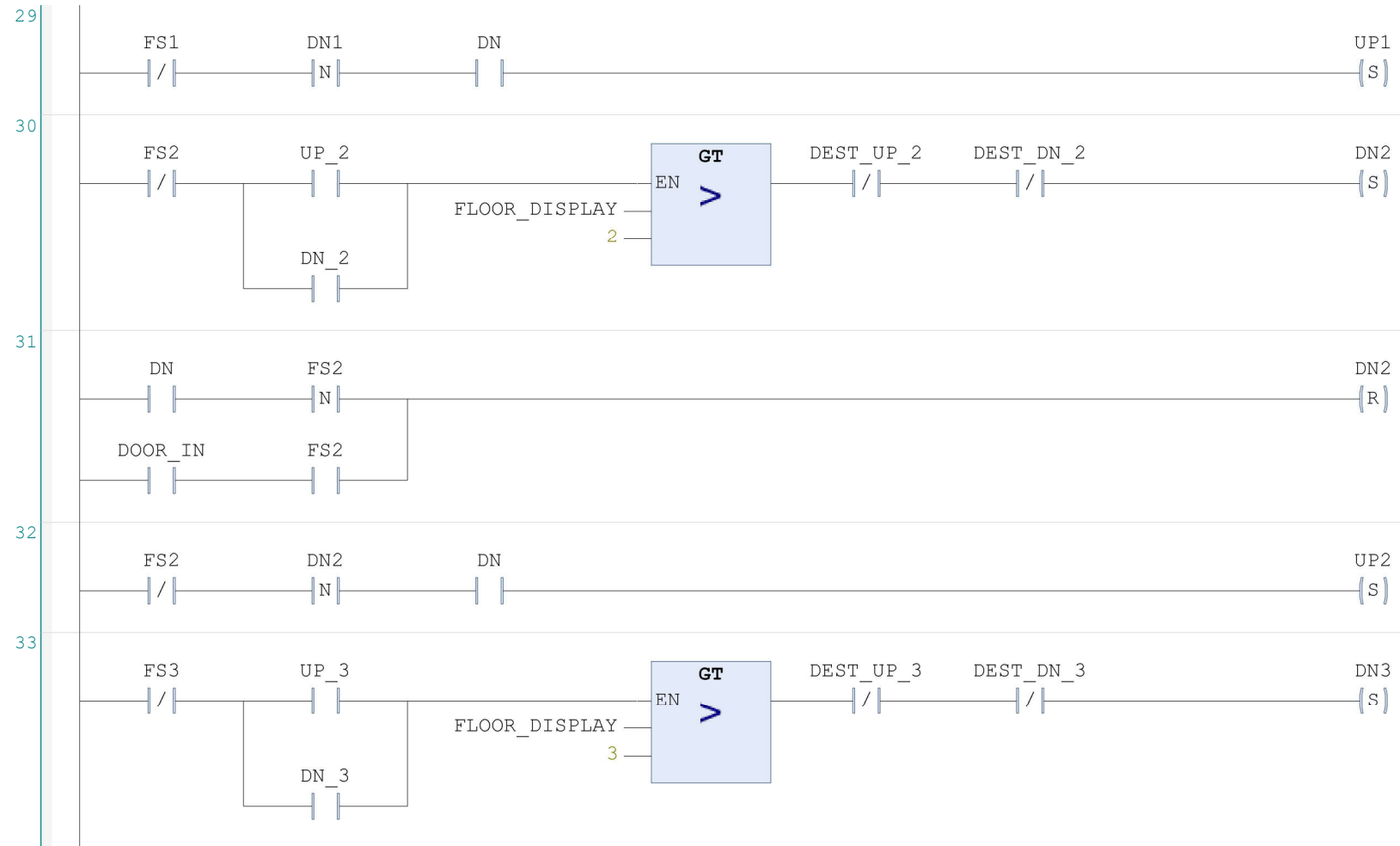


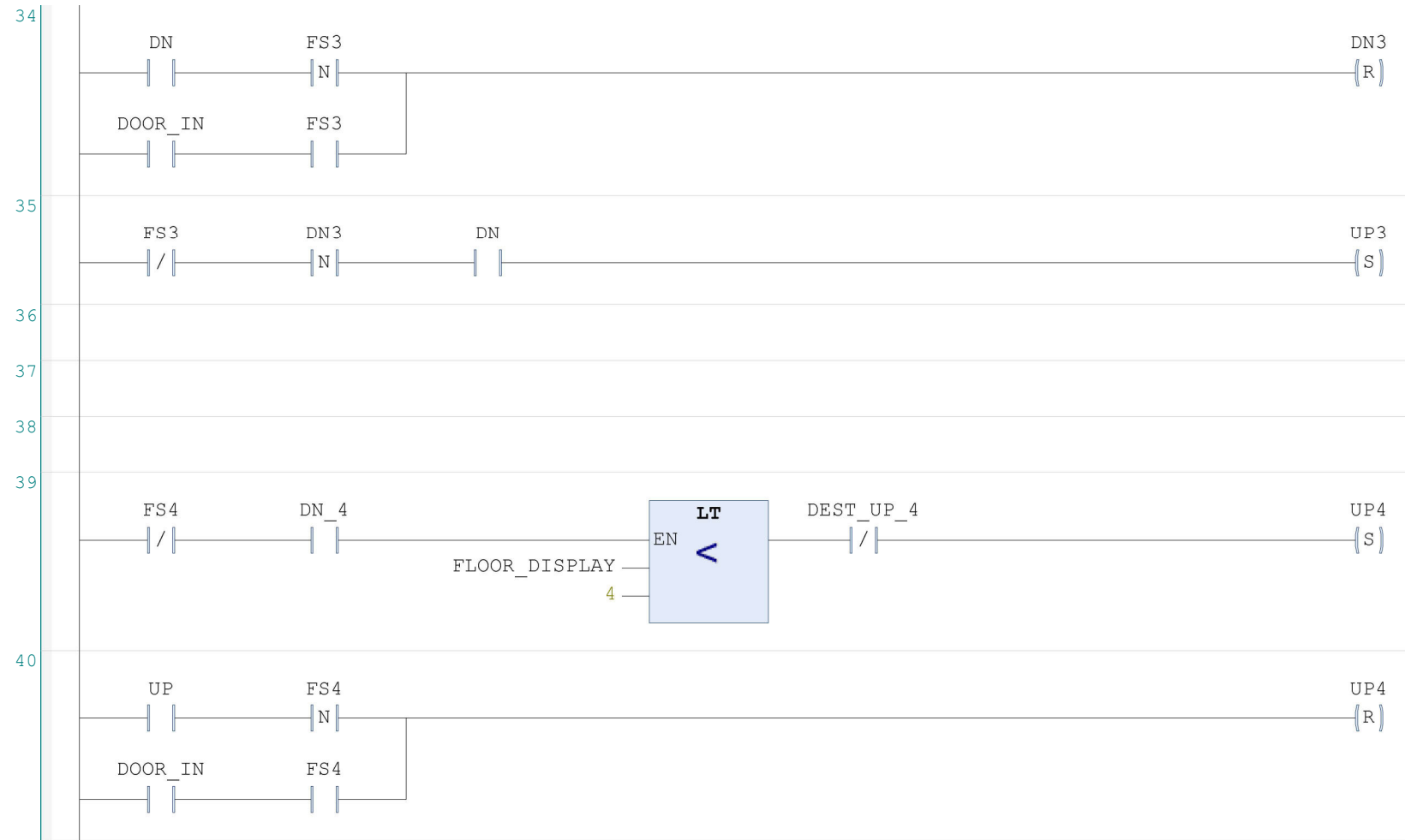


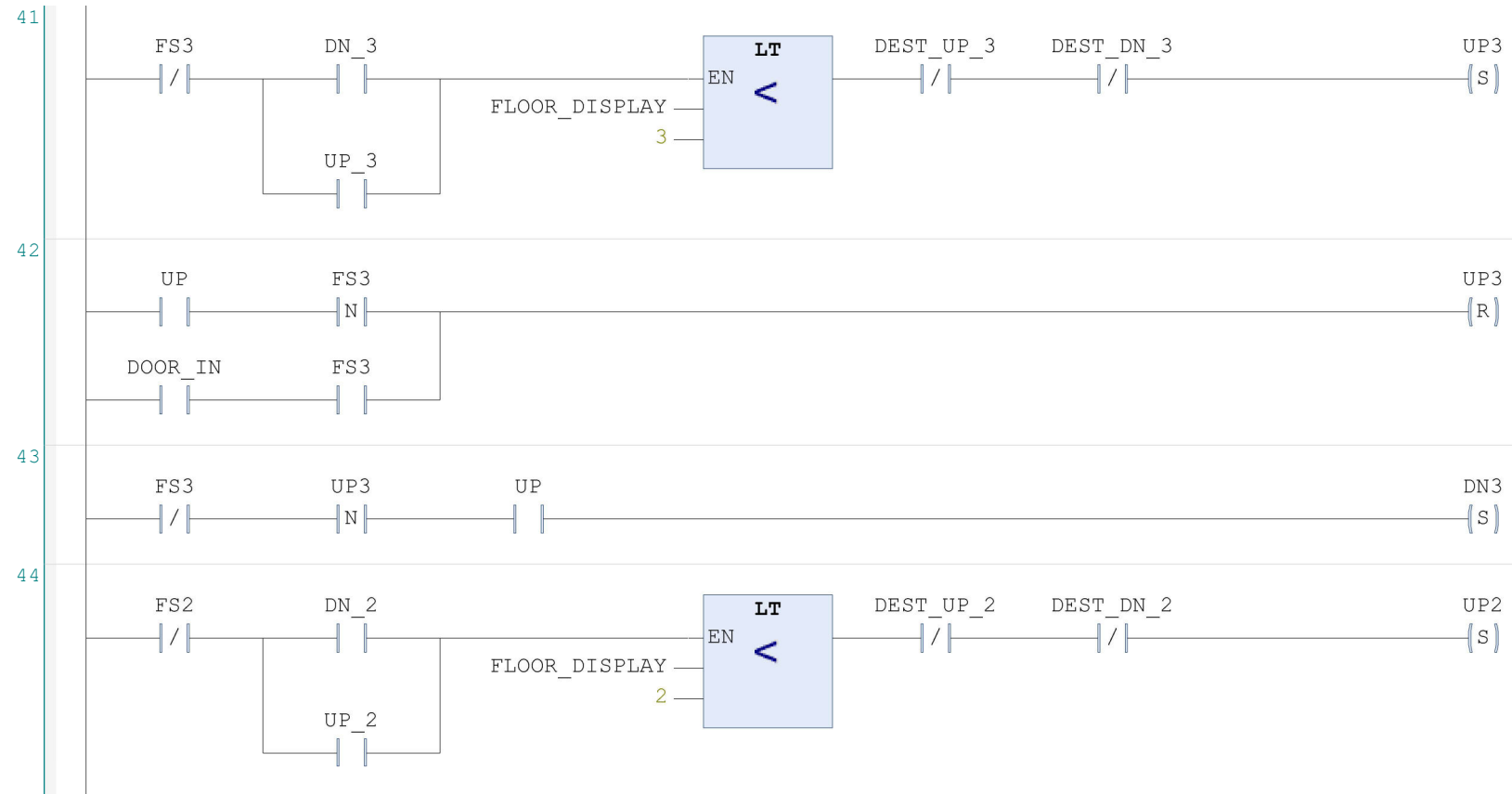


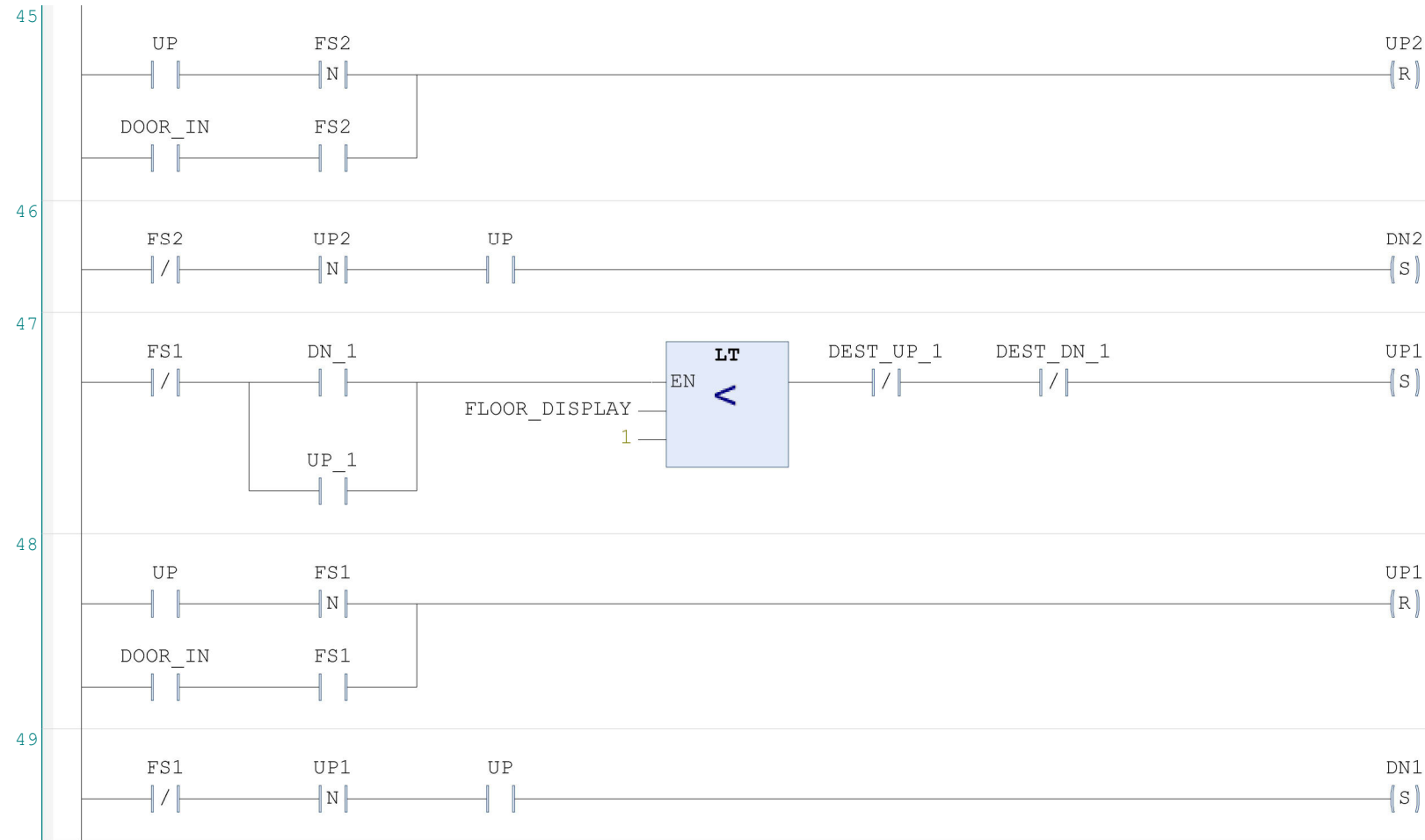










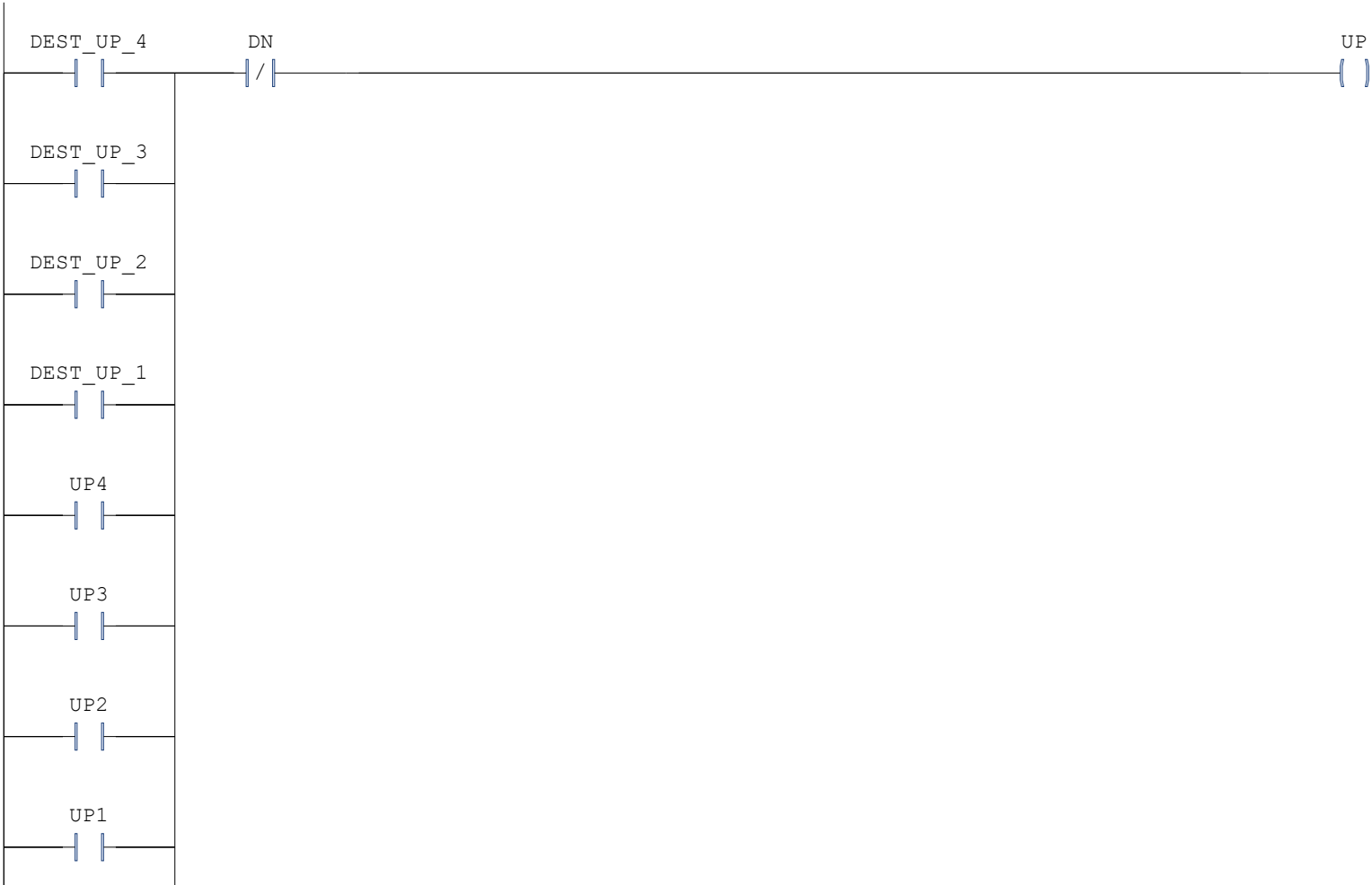


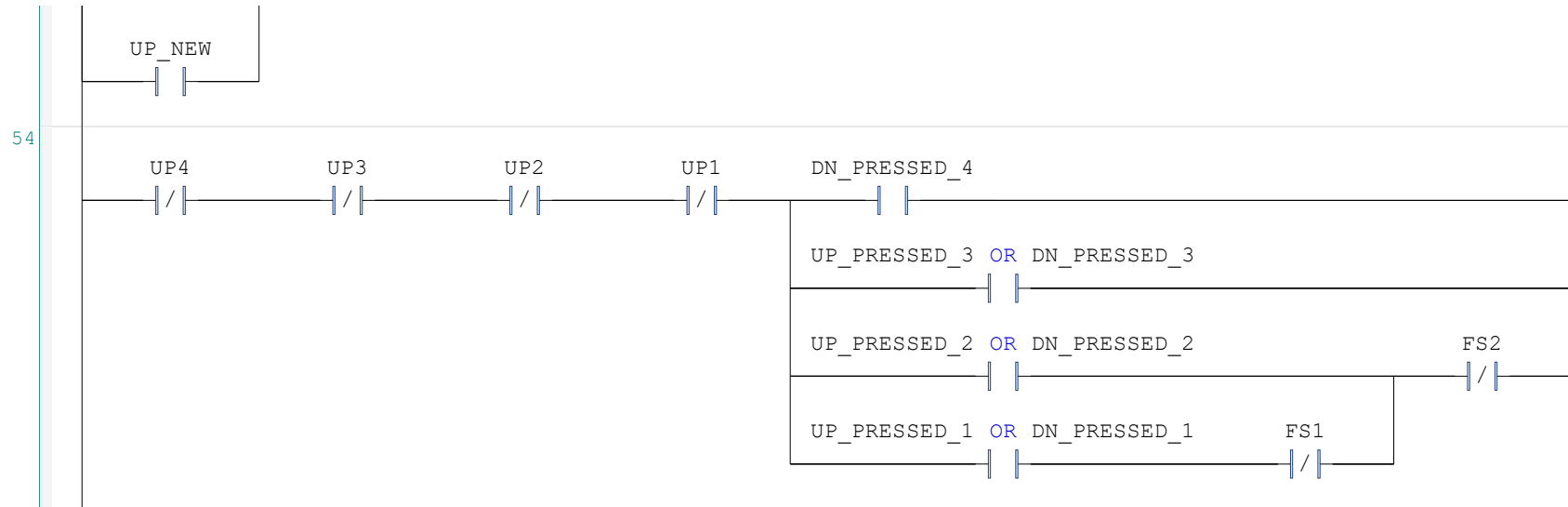
50

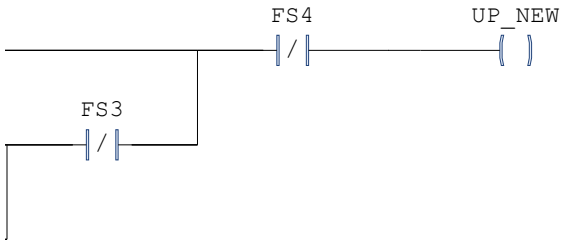
51

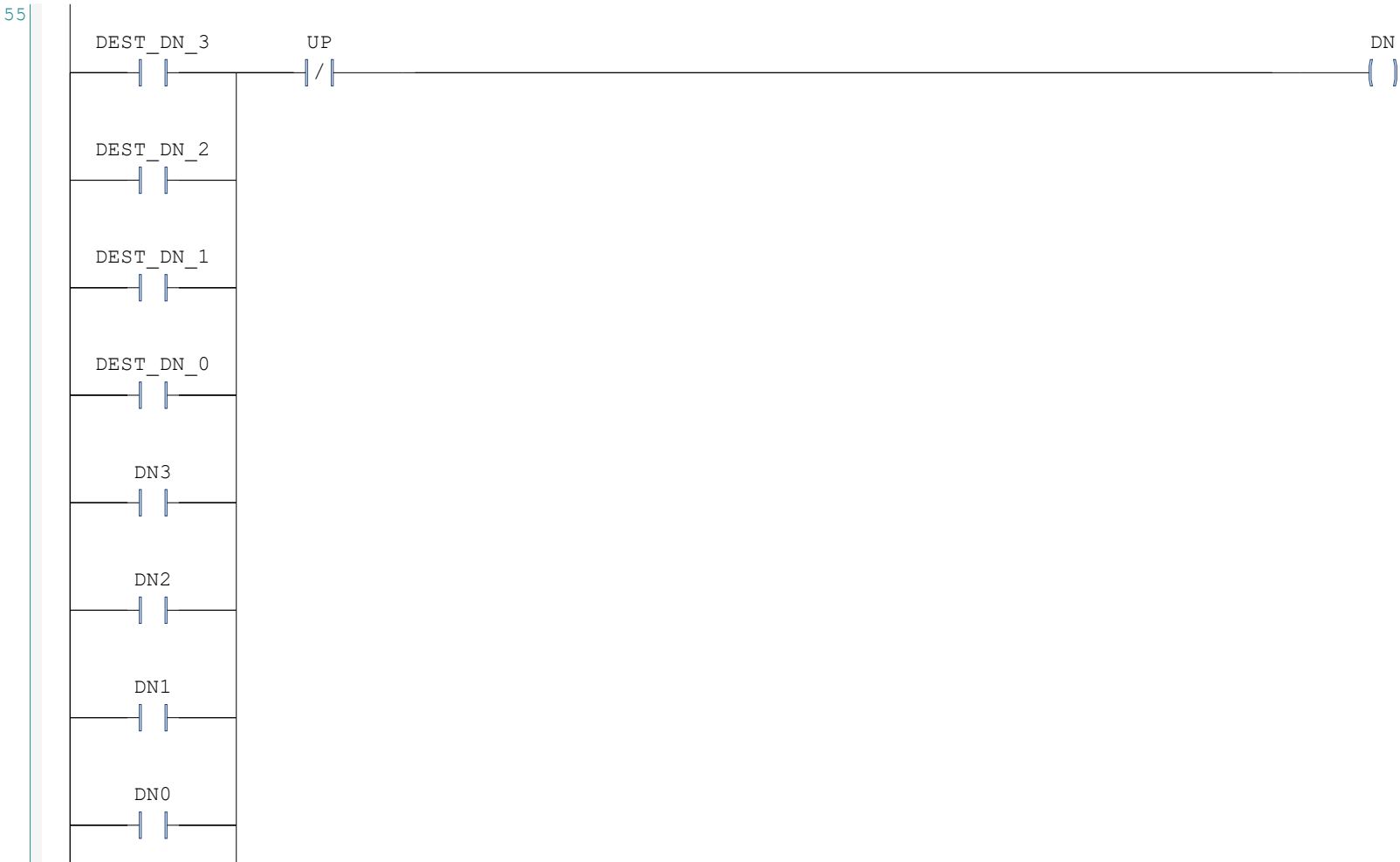
52

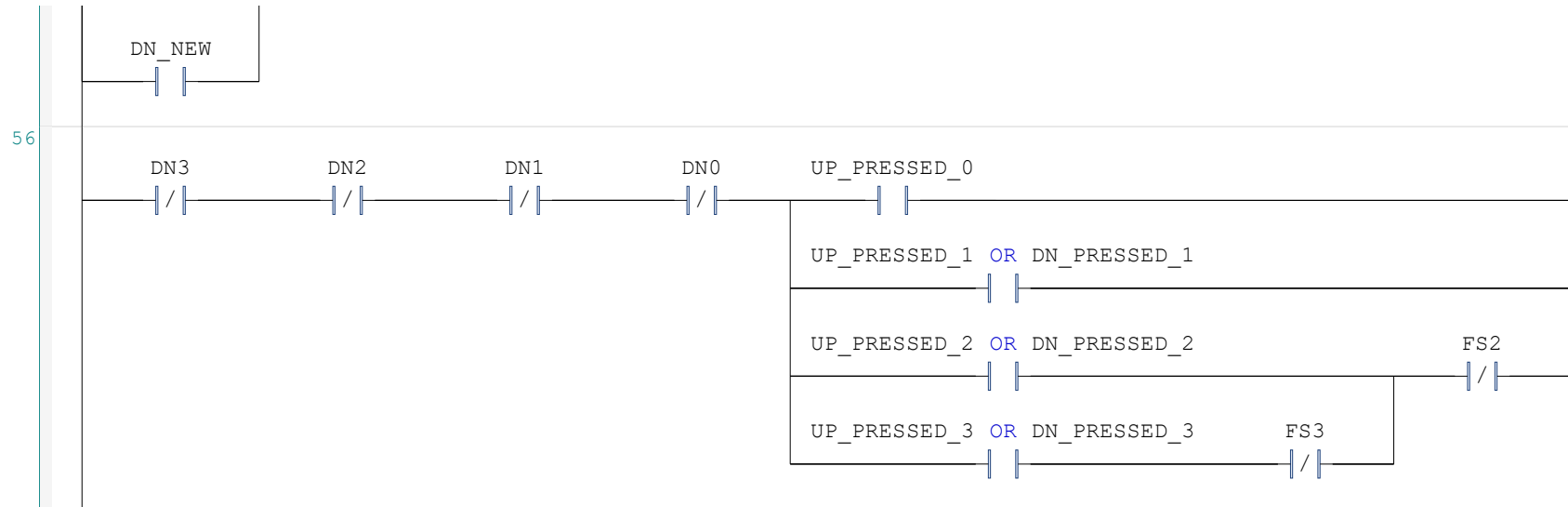
53

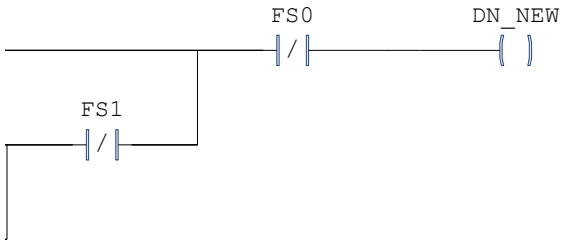




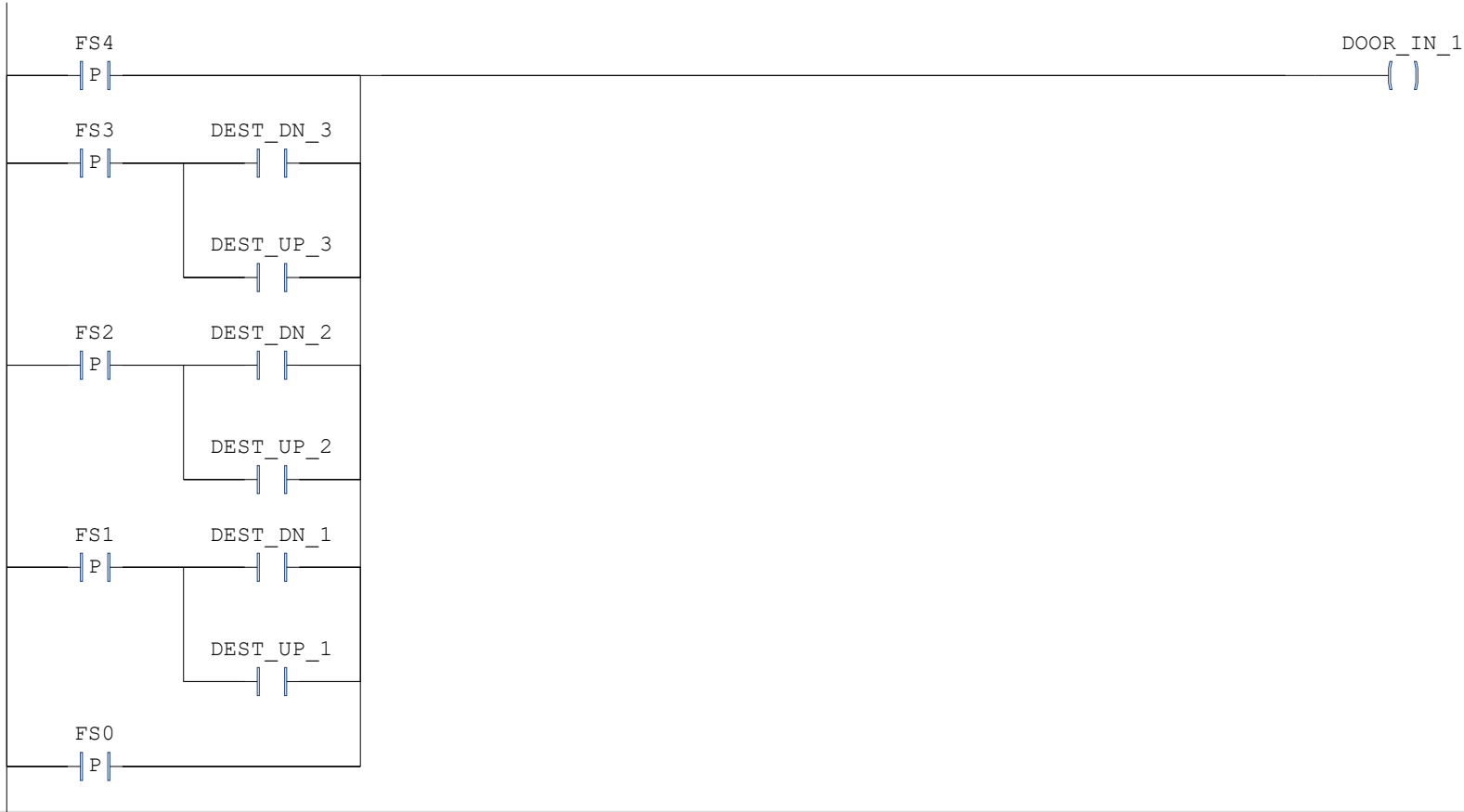




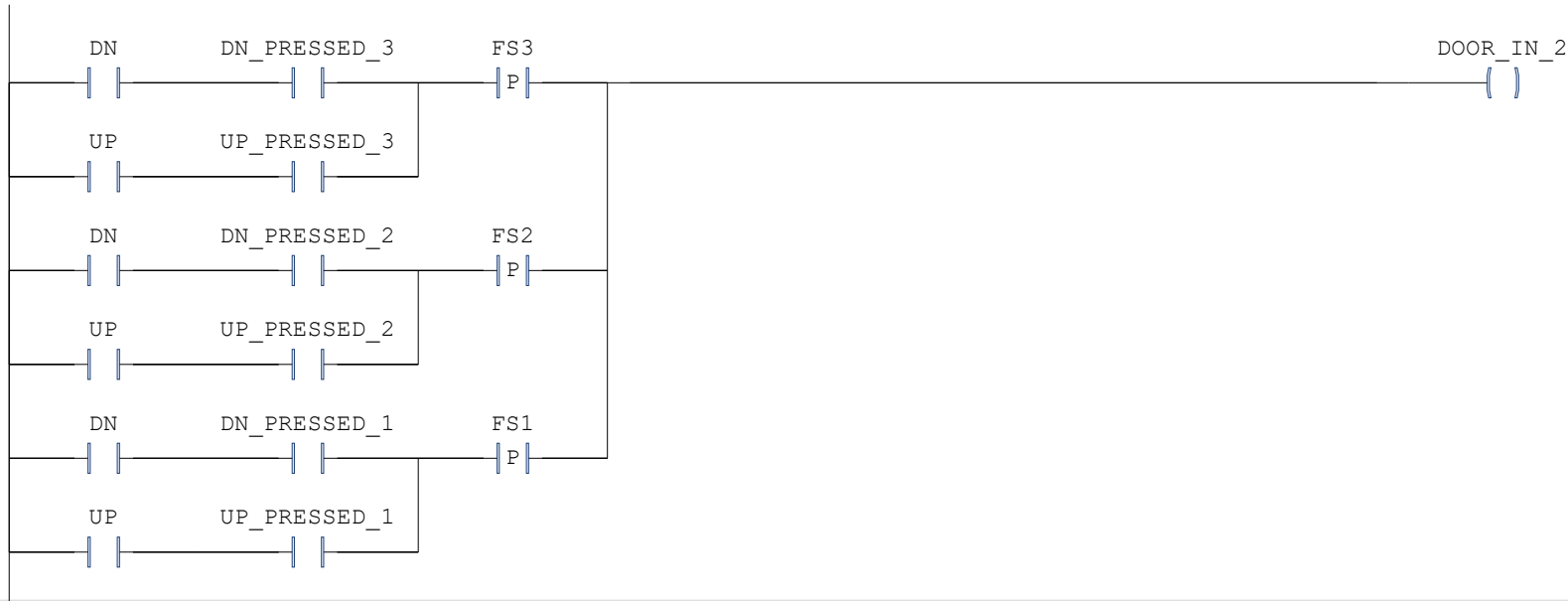




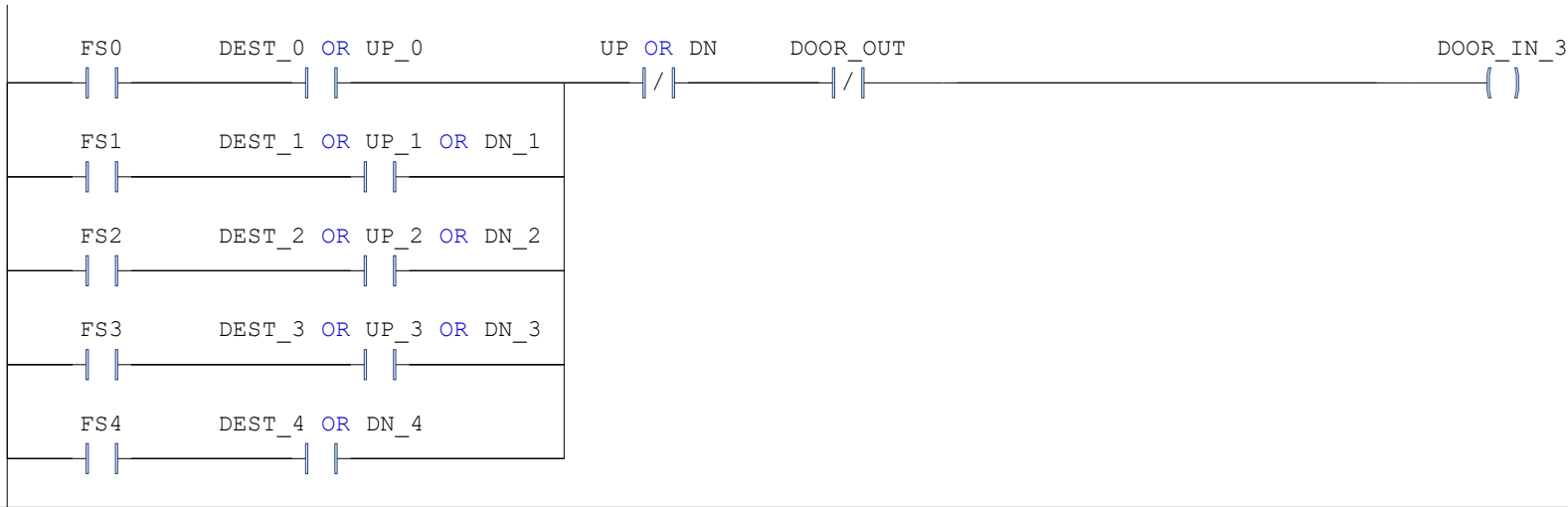
57

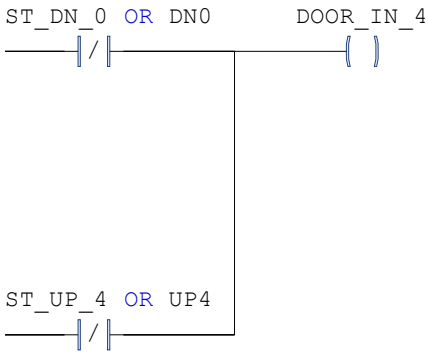


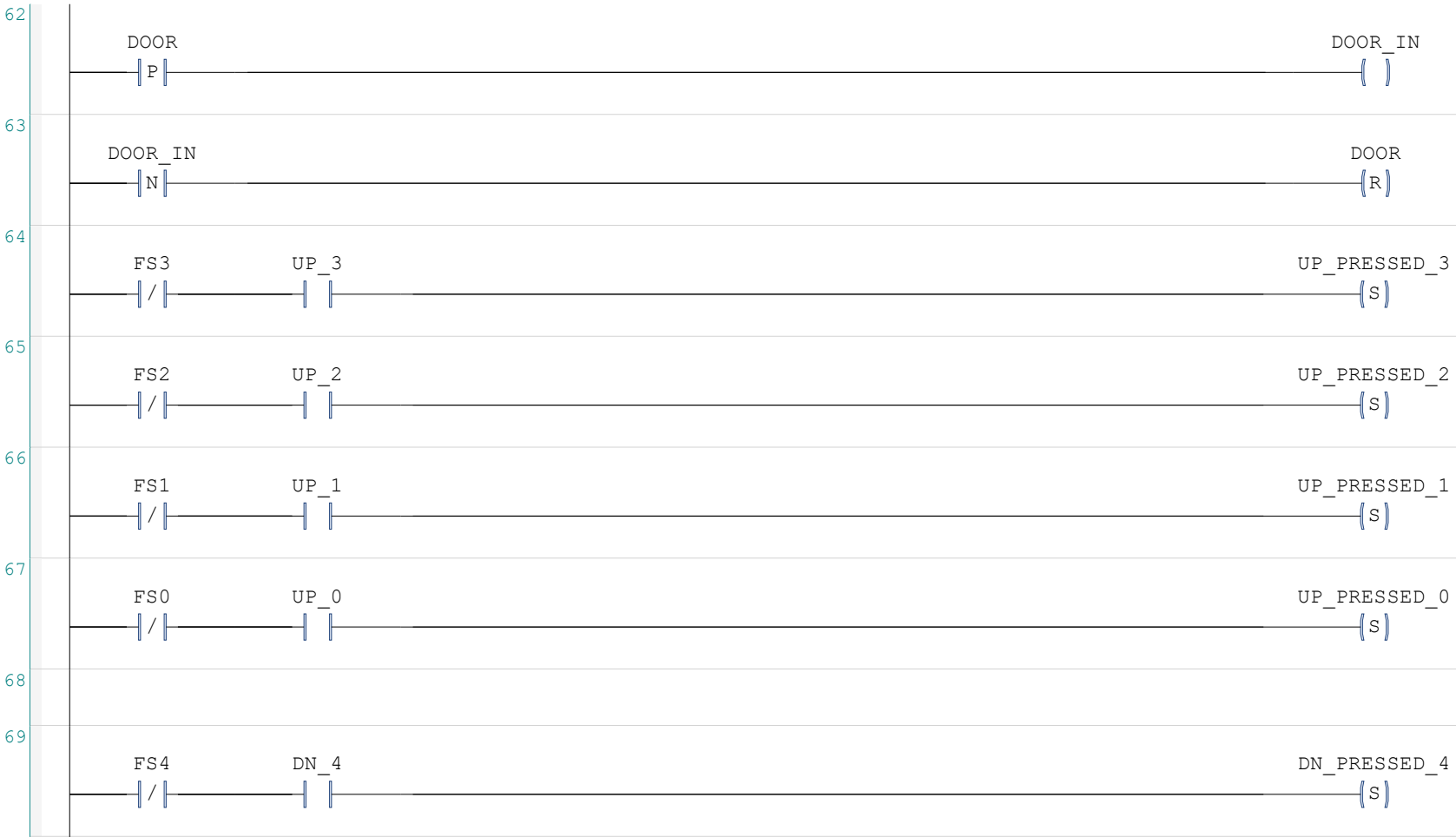
58

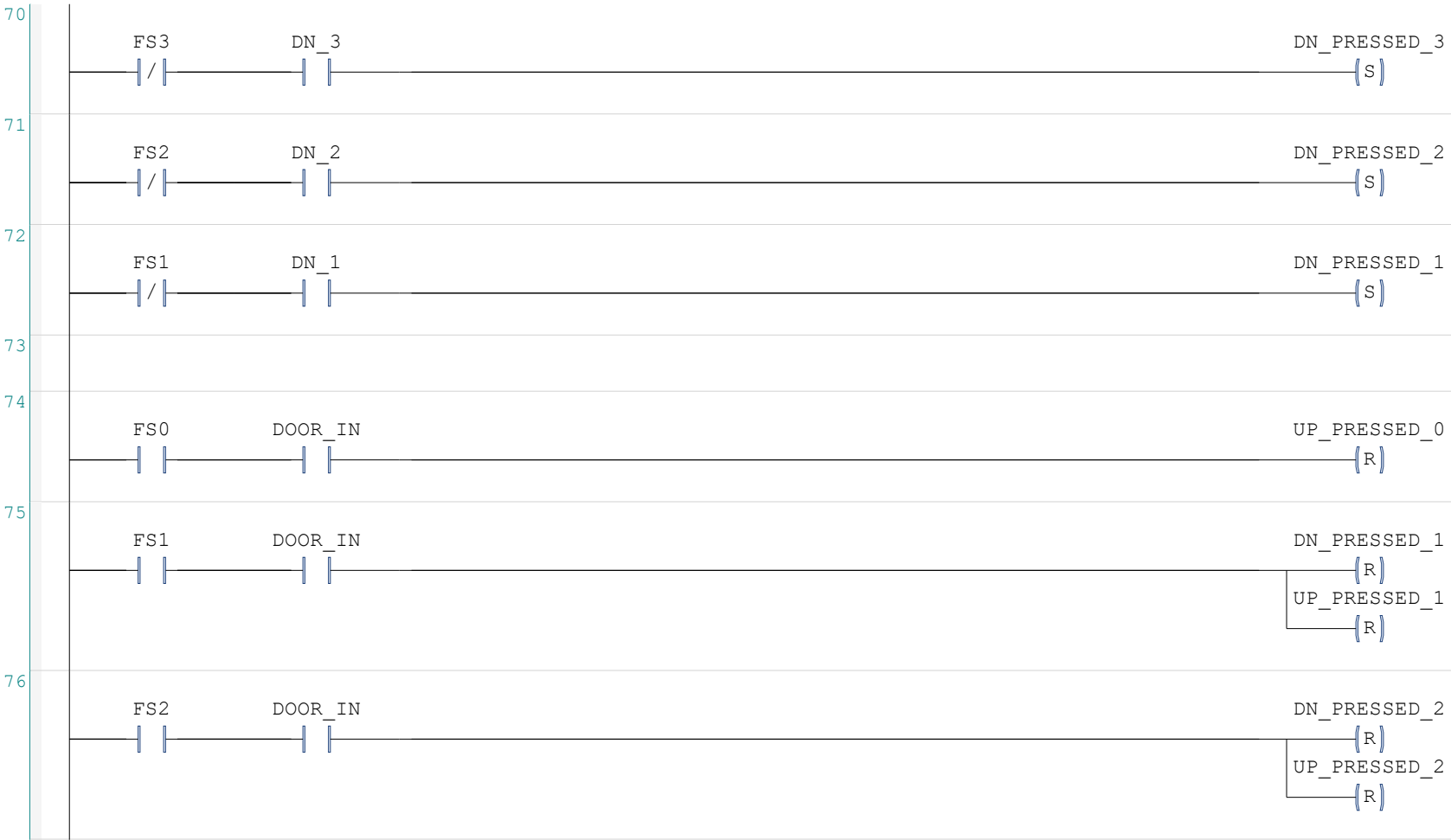


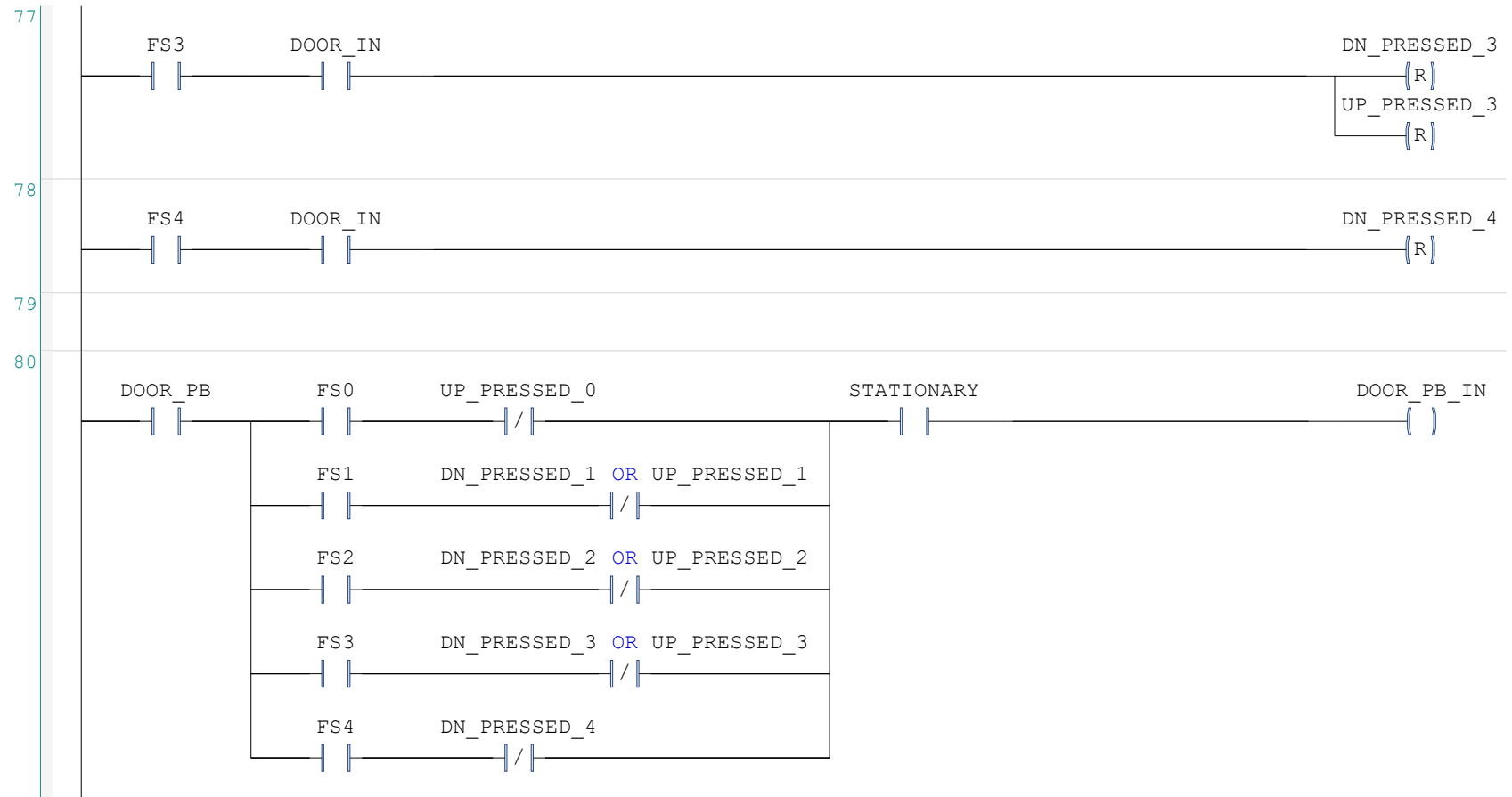
59







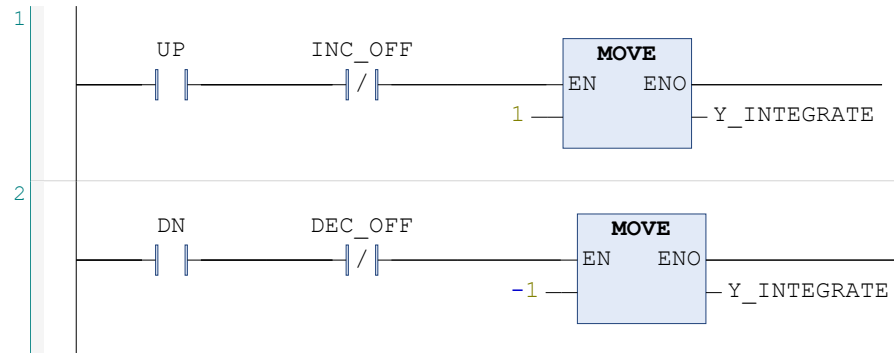


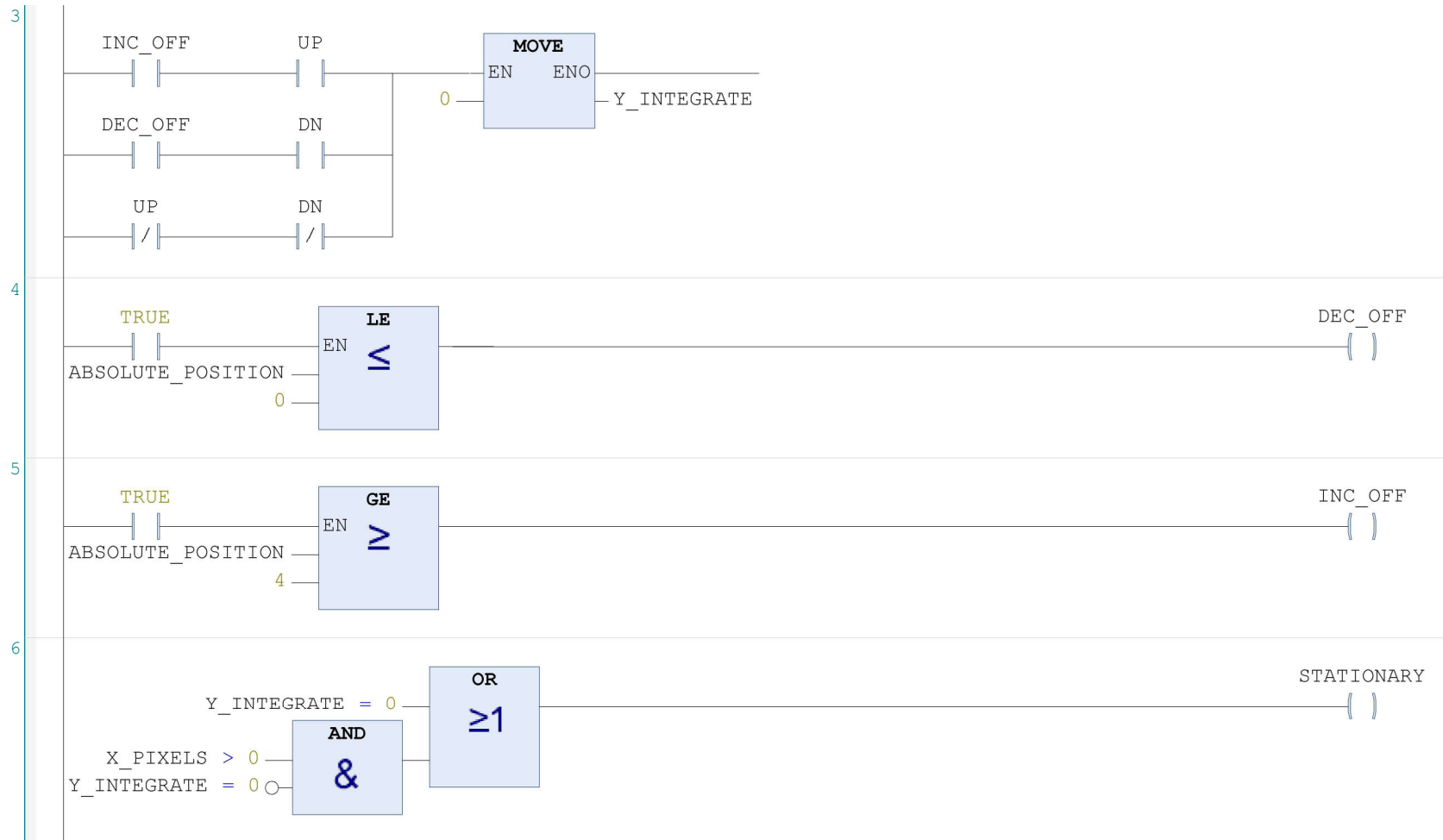


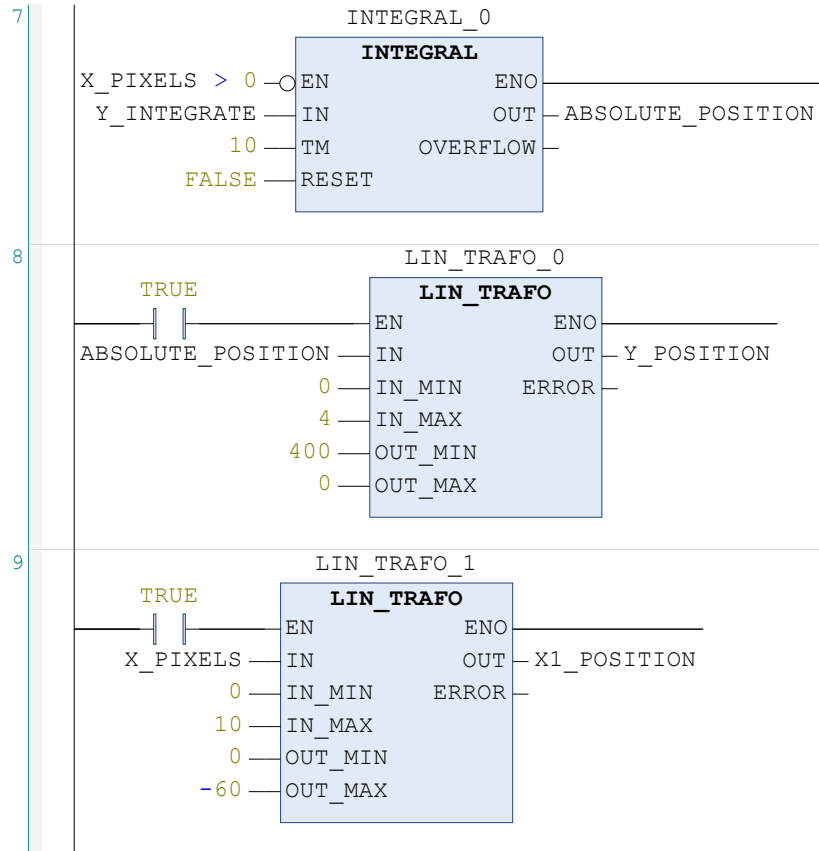

```
1  FUNCTION_BLOCK ELEVATOR_MODEL
2  VAR_INPUT
3      UP : BOOL ;
4      DN : BOOL ;
5
6      DOOR_IN : BOOL ;
7  END_VAR
8  VAR_OUTPUT
9      FLOOR_0 : BOOL ;
10     FLOOR_1 : BOOL ;
11     FLOOR_2 : BOOL ;
12     FLOOR_3 : BOOL ;
13     FLOOR_4 : BOOL ;
14     X1_POSITION : REAL ;
15     X2_POSITION : REAL ;
16     Y_POSITION : REAL ;
17     FLOOR_DISPLAY : UINT ;
18
19     DOOR_OUT : BOOL ;
20     STATIONARY : BOOL ;
21
22  END_VAR
23  VAR
24     INC_OFF : BOOL ;
25     DEC_OFF : BOOL ;
26     Y_INTEGRATE : INT ;
27     INTEGRAL_0 : INTEGRAL ;
28     LIN_TRAFO_0 : LIN_TRAFO ;
29     LIN_TRAFO_1 : LIN_TRAFO ;
30     LIN_TRAFO_2 : LIN_TRAFO ;
31     TOF_0 : TOF ;
32     X_PIXELS : REAL ;
33     X_PIXELS_1 : REAL ;
34     ABSOLUTE_POSITION : REAL ;
35     TOF_1 : TOF ;
```

POU: ELEVATOR_MODEL

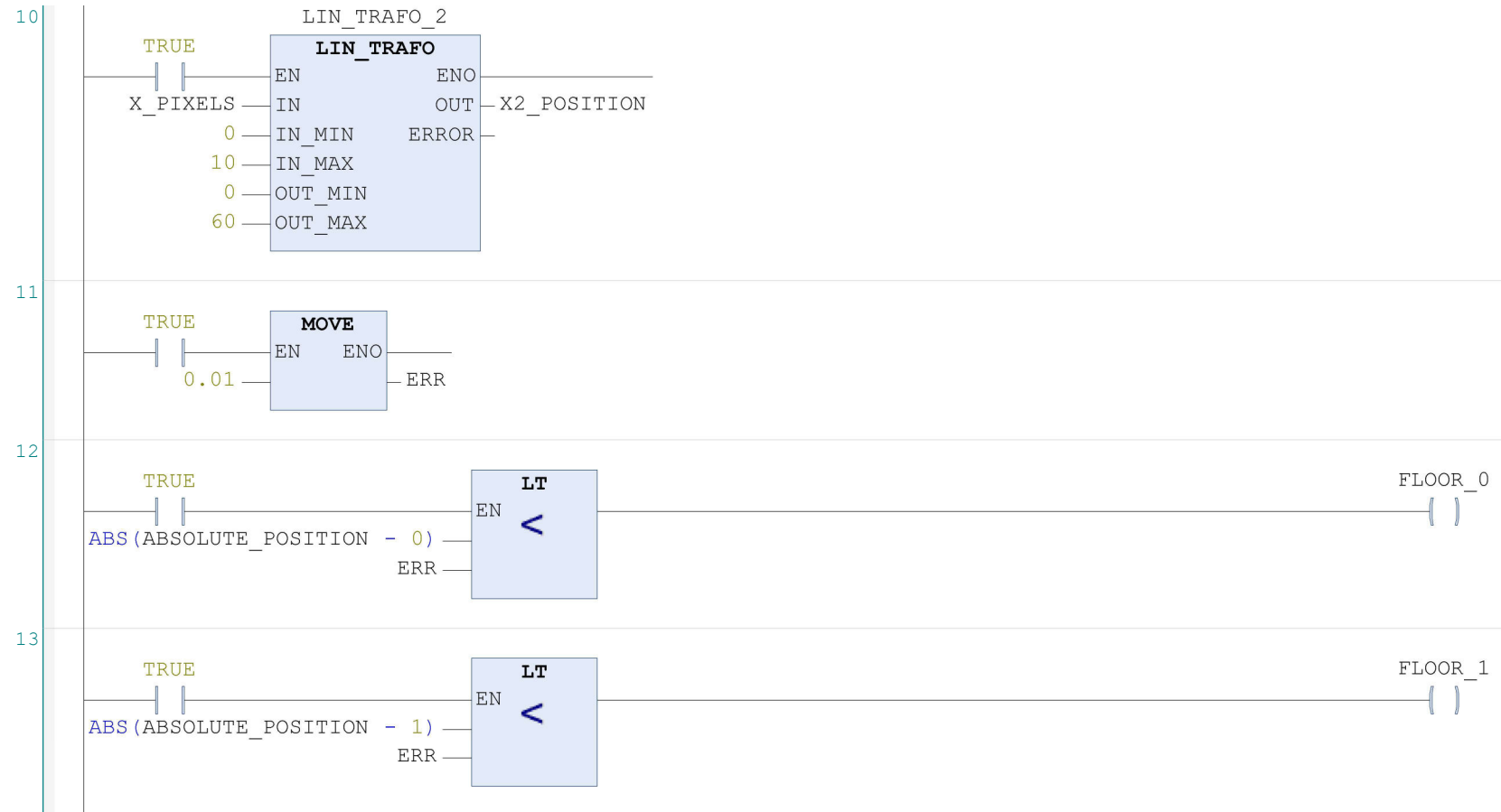
```
36     ERR : REAL ;
37     STOP_INTEGRATION : BOOL ;
38     DOOR_PB_IN : BOOL ;
39     TOF_2 : TOF ;
40     DOOR_PB_PRESSED : BOOL ;
41     X_TMP : INT ;
42     X_TIME : INT ;
43     INTEGRAL_1 : INTEGRAL ;
44     DOOR_REAL : REAL ;
45     T1 : BOOL ;
46     T2 : BOOL ;
47     DOOR : BOOL ;
48     END_VAR
49
```



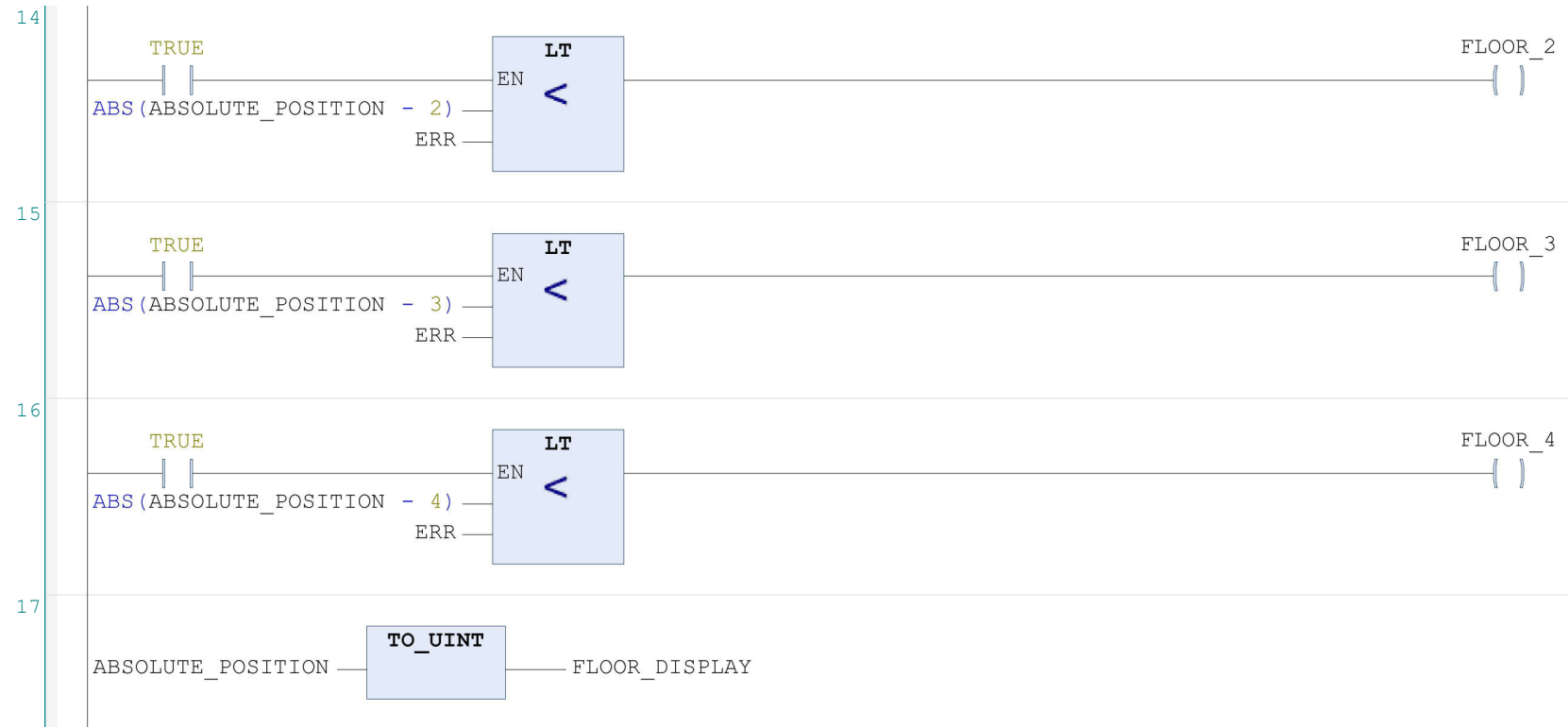




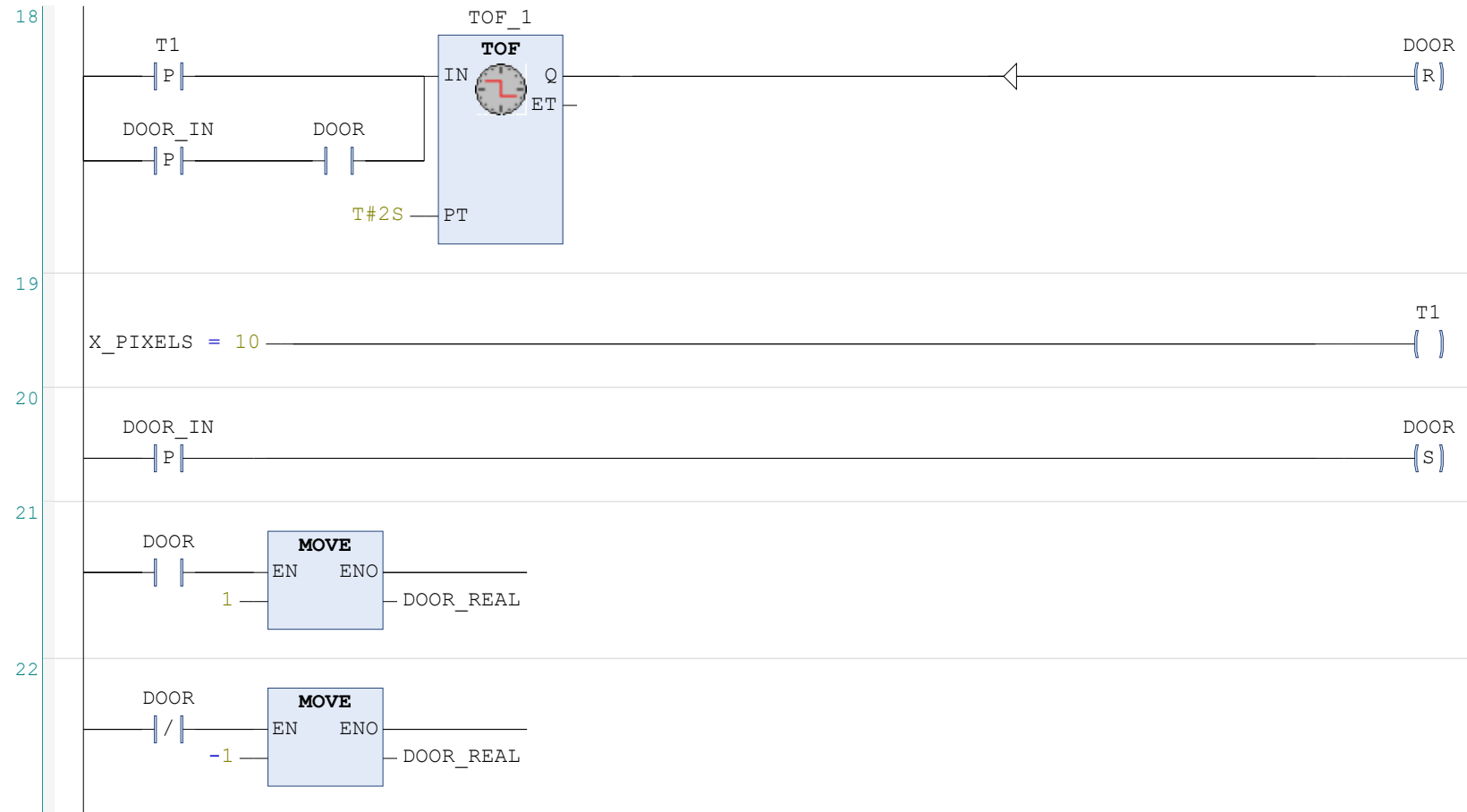
POU: ELEVATOR_MODEL



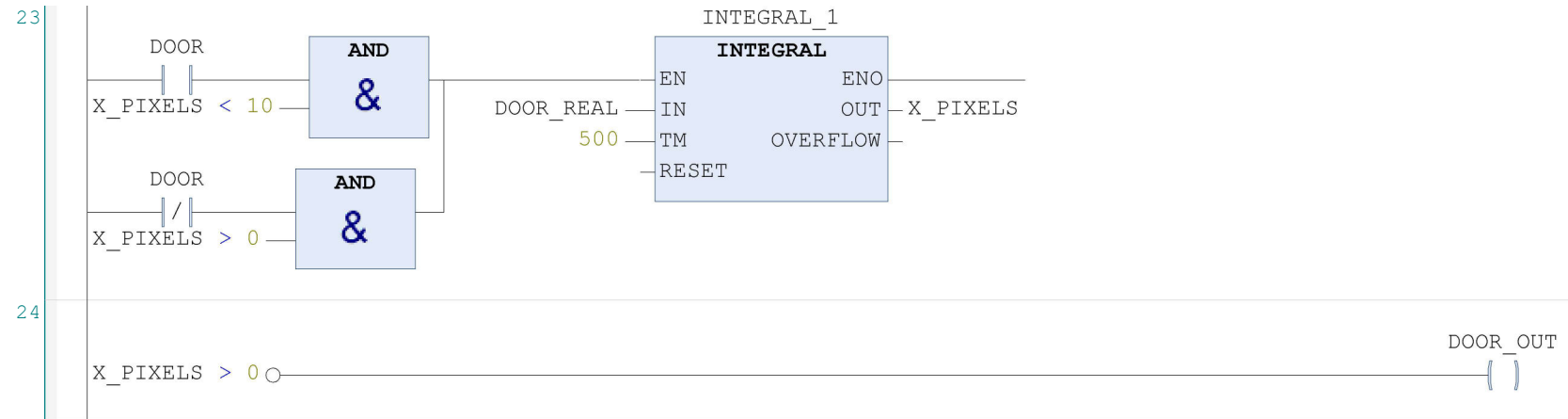
POU: ELEVATOR_MODEL

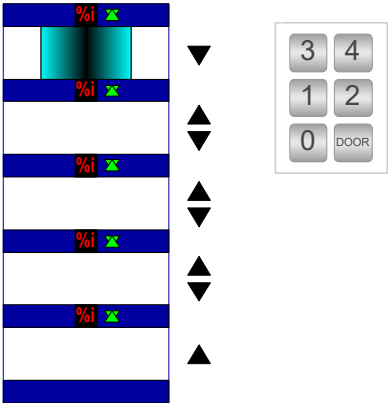


POU: ELEVATOR_MODEL



POU: ELEVATOR_MODEL





General

Visualization size algorithm version: Respecting scrollbar location

Background

Use background color: False

Background color: 16777215

Interface

VAR_IN_OUT

END_VAR

Visualization Element List

Rectangle Id: 227

Element name: GenElemInst_192

Tab Order: default

Static optimized: True

Type of element: Rectangle

Position

X: 10

Y: 20

Width: 220