








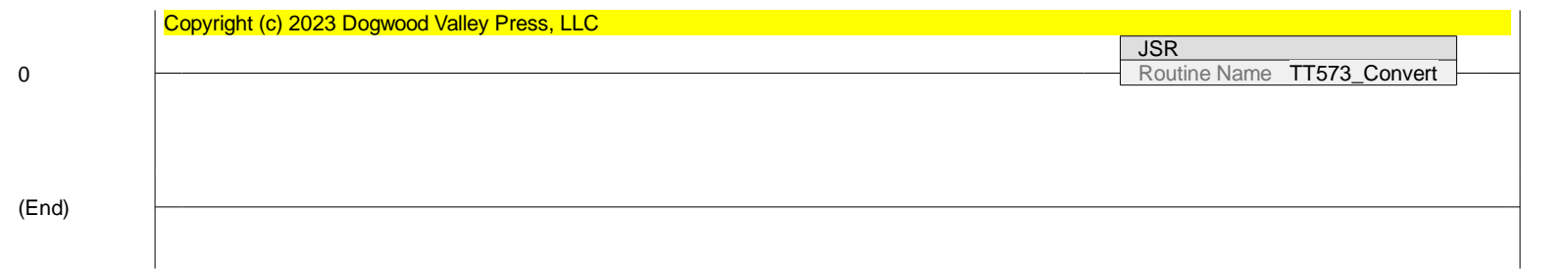
 Controller Example_12_1 Controller Fault Handler Power-Up Handler**Tasks** MainTask MainProgram MainRoutine TT573_Convert Unscheduled**Motion Groups** Ungrouped Axes**Add-On Instructions****Data Types** User-Defined Strings Add-On-Defined Module-Defined AB:1756_DI:C:0 AB:1756_DI:I:0 AB:1756_DO:C:0 AB:1756_DO:I:0 AB:1756_DO:O:0 AB:1756_IF8_Float:C:0 AB:1756_IF8_Float:I:0 AB:1756_IF8_Integer:C:0 AB:1756_IF8_Integer:I:0 AB:1756_NII_Struct:C:0**Trends****I/O Configuration** 1756 Backplane, 1756-A10 [0] 1756-L71 Example_12_1 [1] 1756-IB32/A din [2] 1756-OB16I dout [3] 1756-IF8 Ana_In



```
1 (* Example 12.1 Conversion Example *)
2
3 (* Copyright (c) 2023 Dogwood Valley Press, LLC *)
4
5 TmpInt := TT573_MEAS;
6 IF (TmpInt < 0.0) THEN
7     TmpInt := 0.0;
8 END_IF;
9 IF (TmpInt > 100.0) THEN
10     TmpInt := 100.0;
11 END_IF;
12 TT573_DEGC := (TmpInt/100.0)*(700.0 - 90.0) + 90.0;
13
14
15
```

Example_12_1
Label does not exist1

MainTask
MainProgram
MainRoutine
Ladder Diagram2

TT573_Convert
Structured Text3