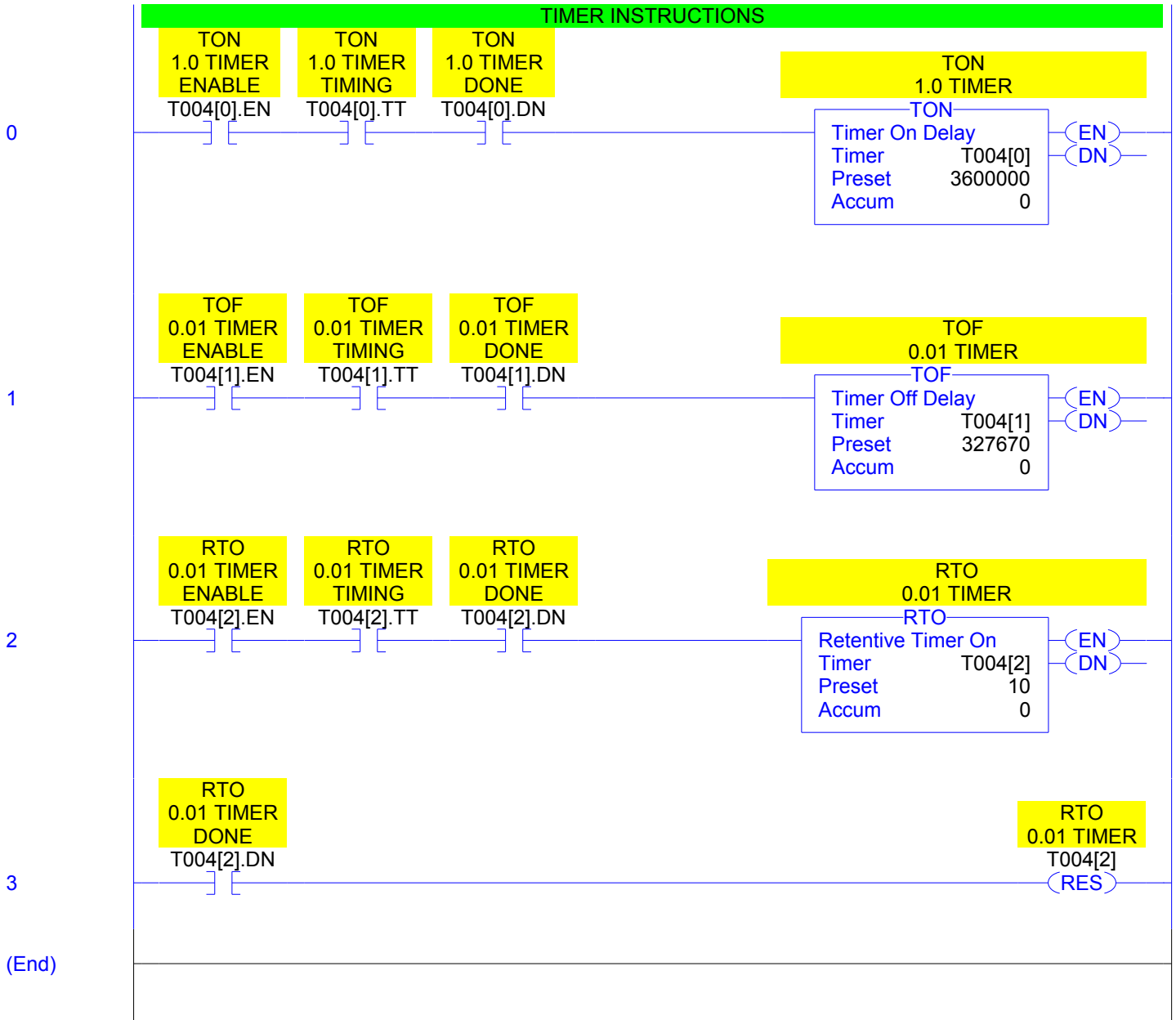
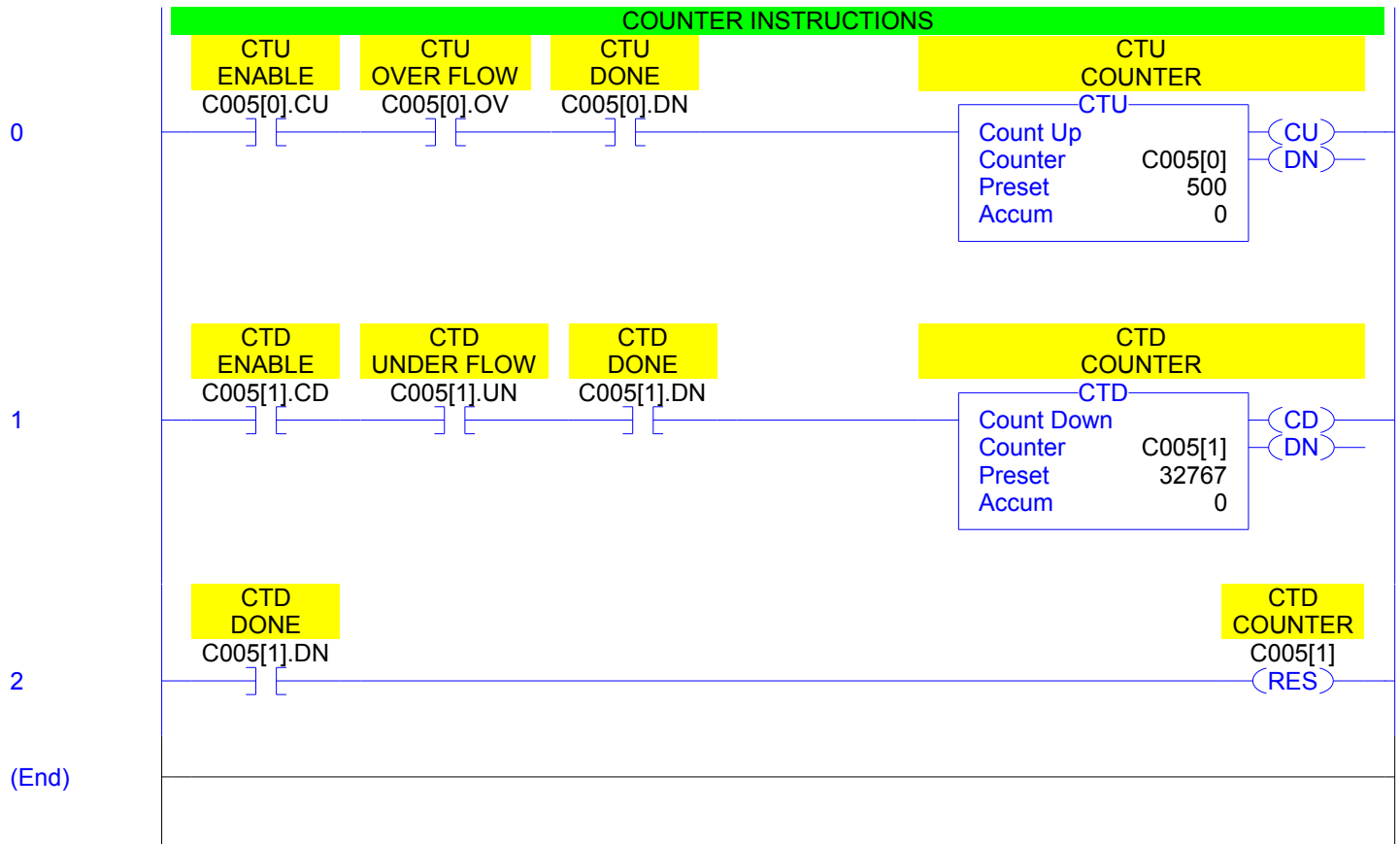
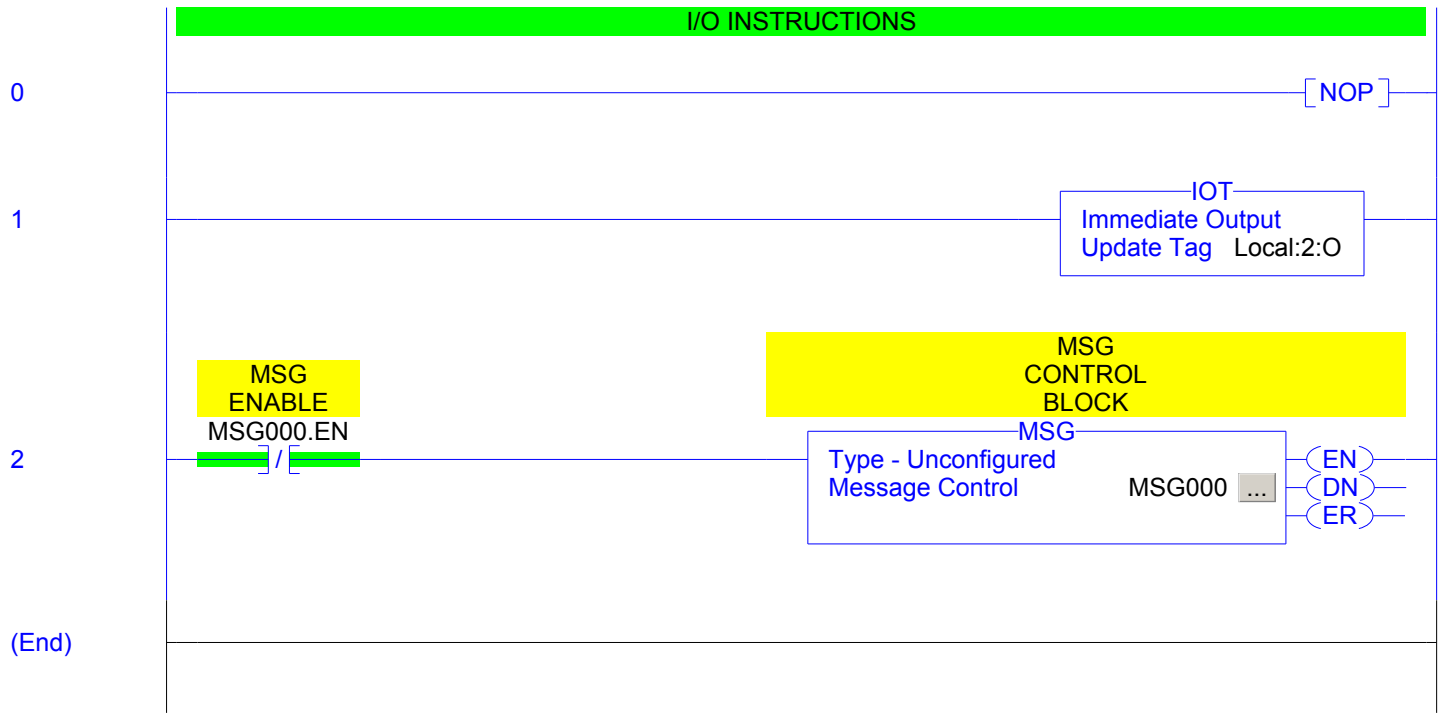


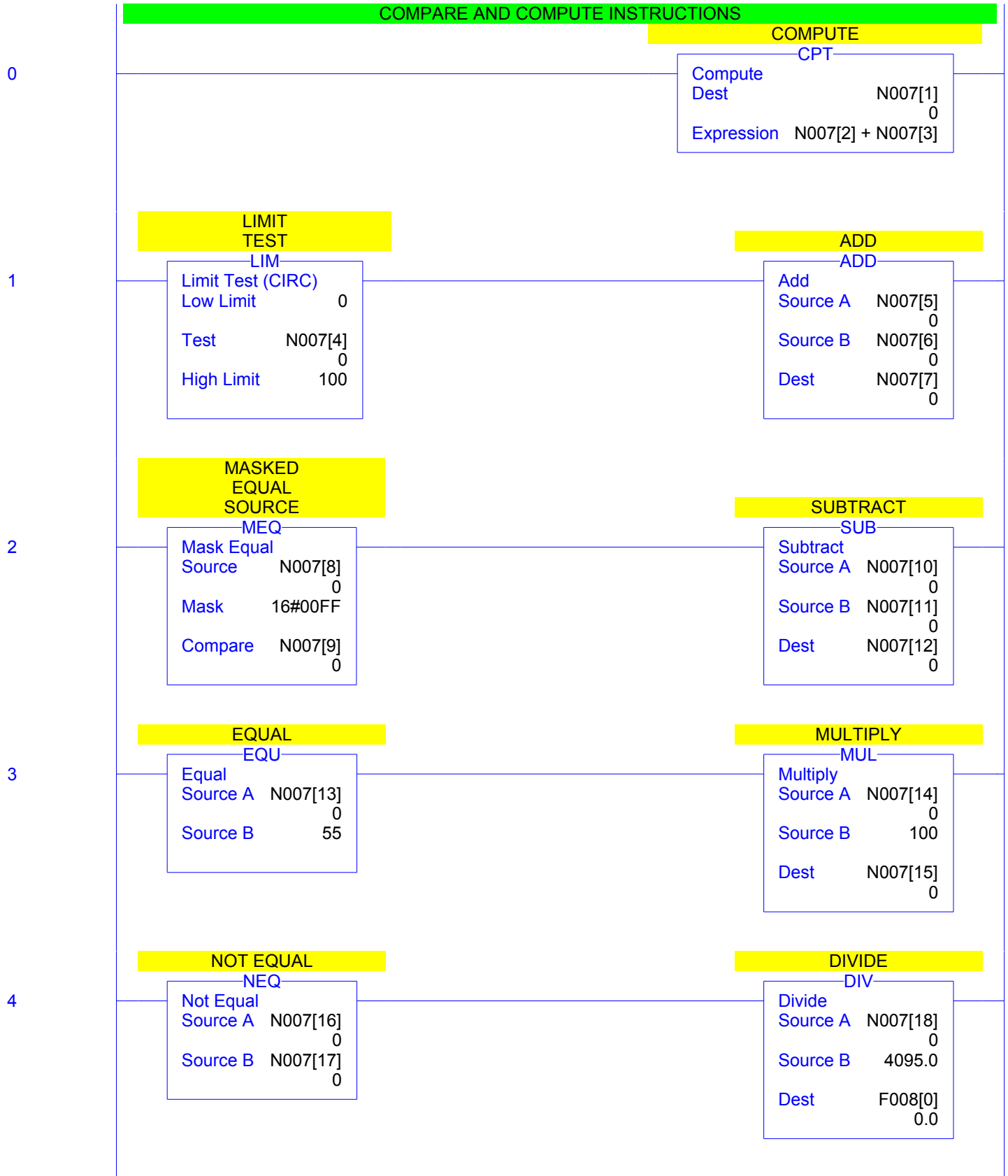
(End)

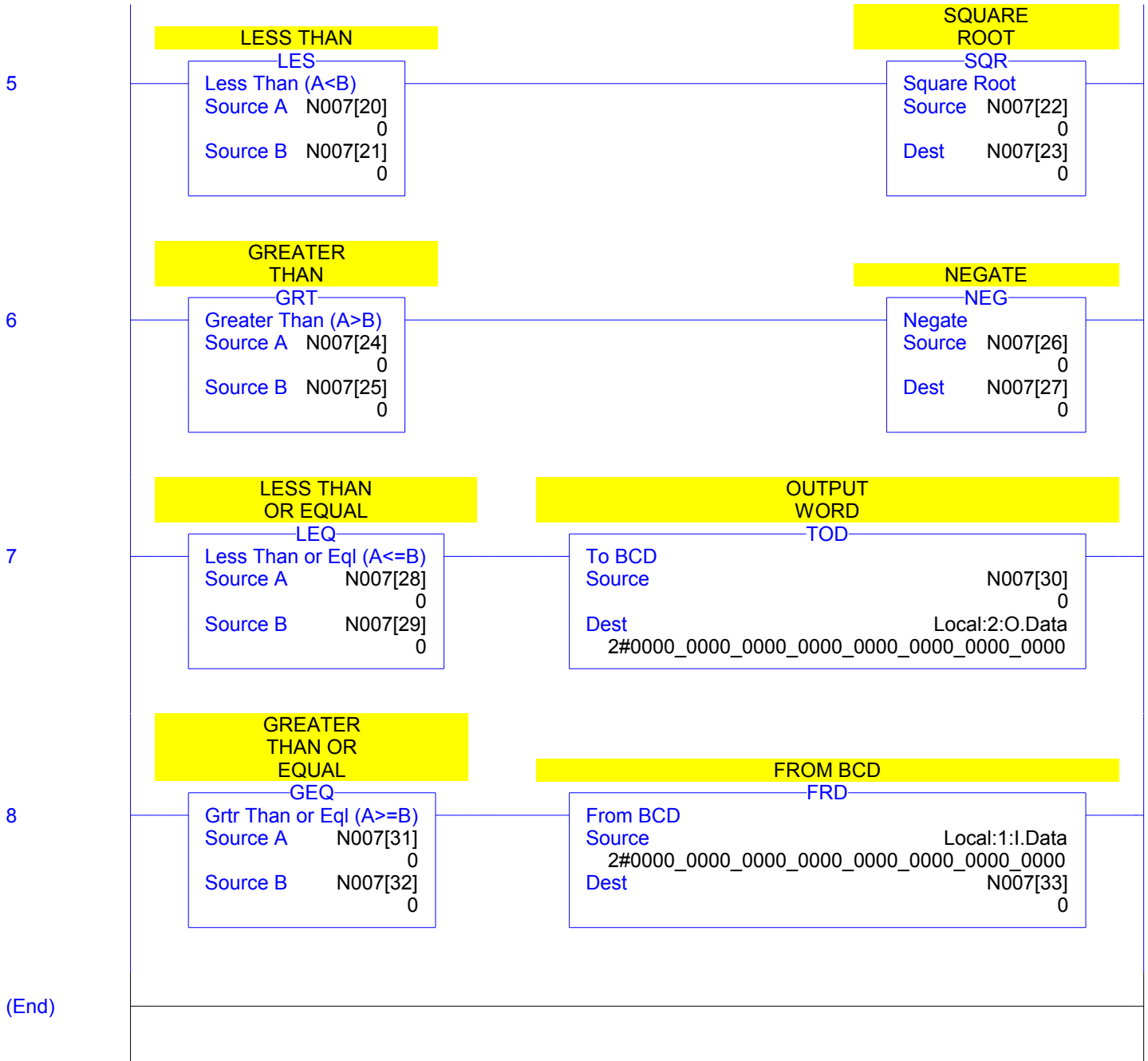












WORD MOVE AND LOGICAL INSTRUCTIONS

0

MOVE  
WORD

MOV

Move  
Source N011[0]  
0  
Dest N011[1]  
0

1

MASKED  
MOVE  
WORD

MVM

Masked Move  
Source N011[2]  
0  
Mask 16#0FF00  
Dest N011[3]  
0

2

BITWISE  
AND

AND

Bitwise AND  
Source A N011[4]  
0  
Source B N011[5]  
0  
Dest N011[6]  
0

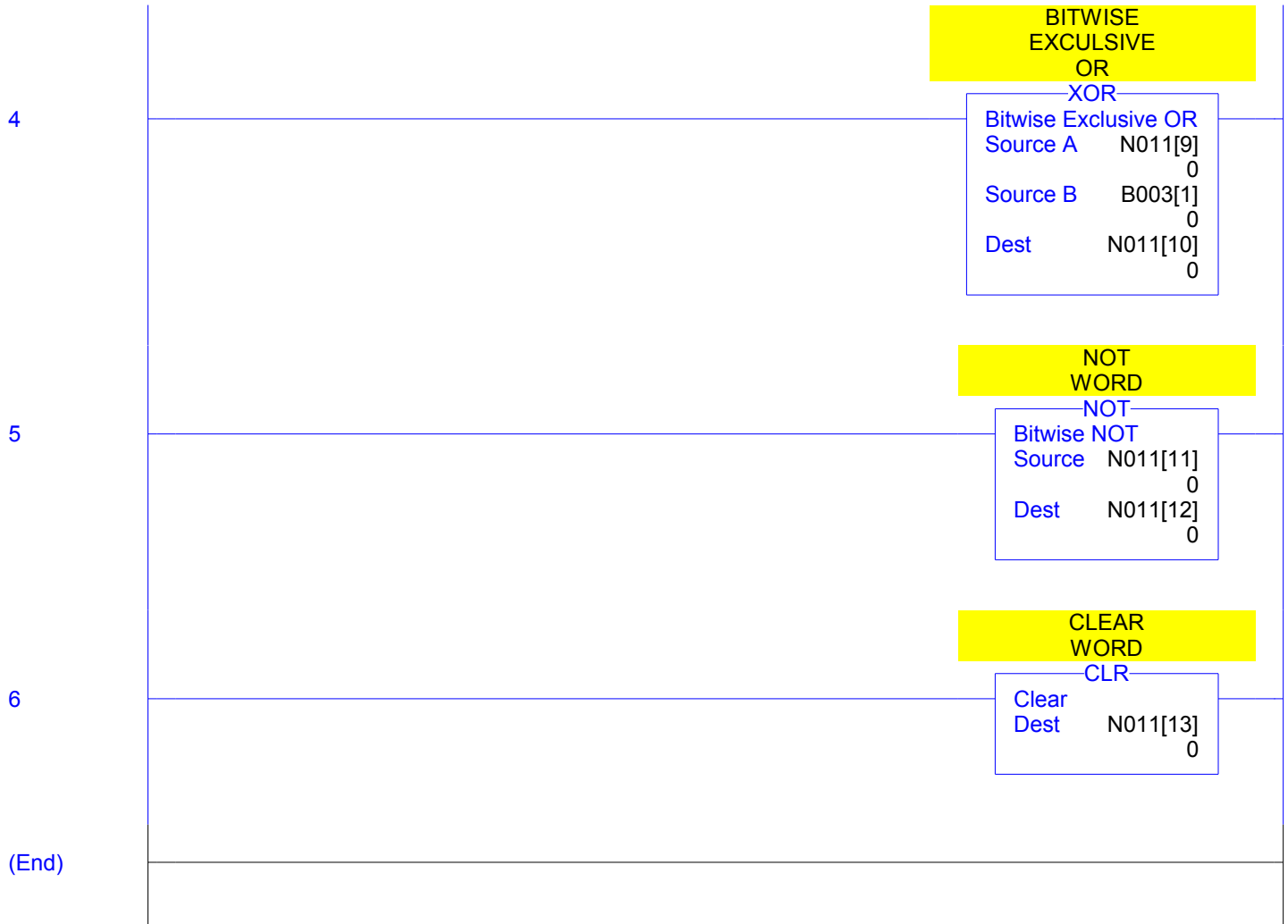
3

BITWISE  
OR

OR

Bitwise Inclusive OR  
Source A N011[7]  
0  
Source B 255  
Dest N011[8]  
0





FILE INSTRUCTIONS AND PID

0

COPY  
FILE

COP

Copy File  
Source N012[0]  
Dest N012[10]  
Length 10

1

FILL  
FILE

FLL

Fill File  
Source 0  
Dest N012[20]  
Length 10

2

DOUBLE  
DIVIDE

DIV

Divide  
Source A S000[13]  
0  
Source B N012[30]  
0  
Dest N012[31]  
0

3

SCALE

CPT

Compute  
Dest N012[33]  
0  
Expression (N012[32] \* 1250) + 32

4

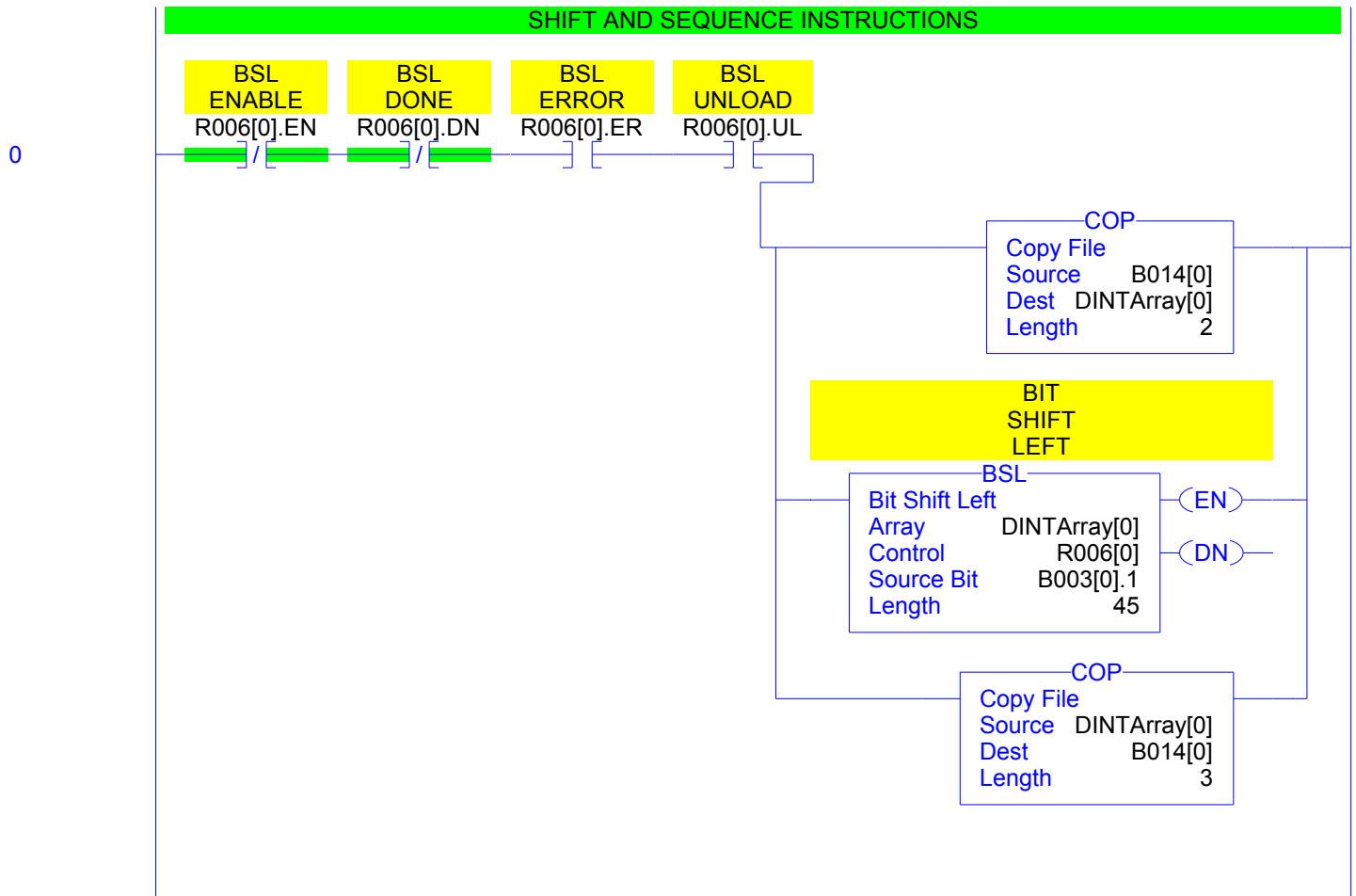
PID  
ENABLE  
BIT  
PID000.EN

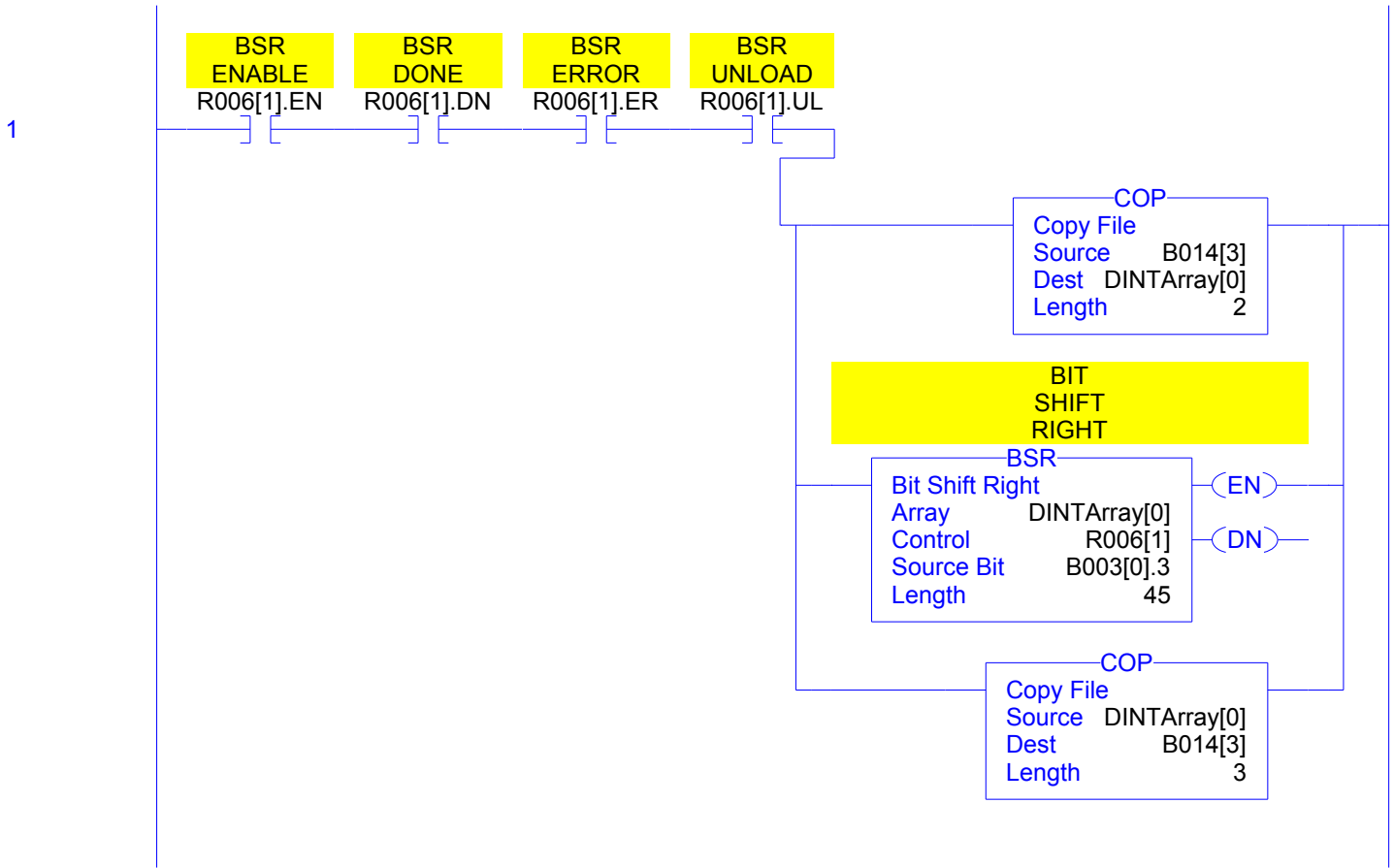
PID  
CONTROL  
BLOCK

PID

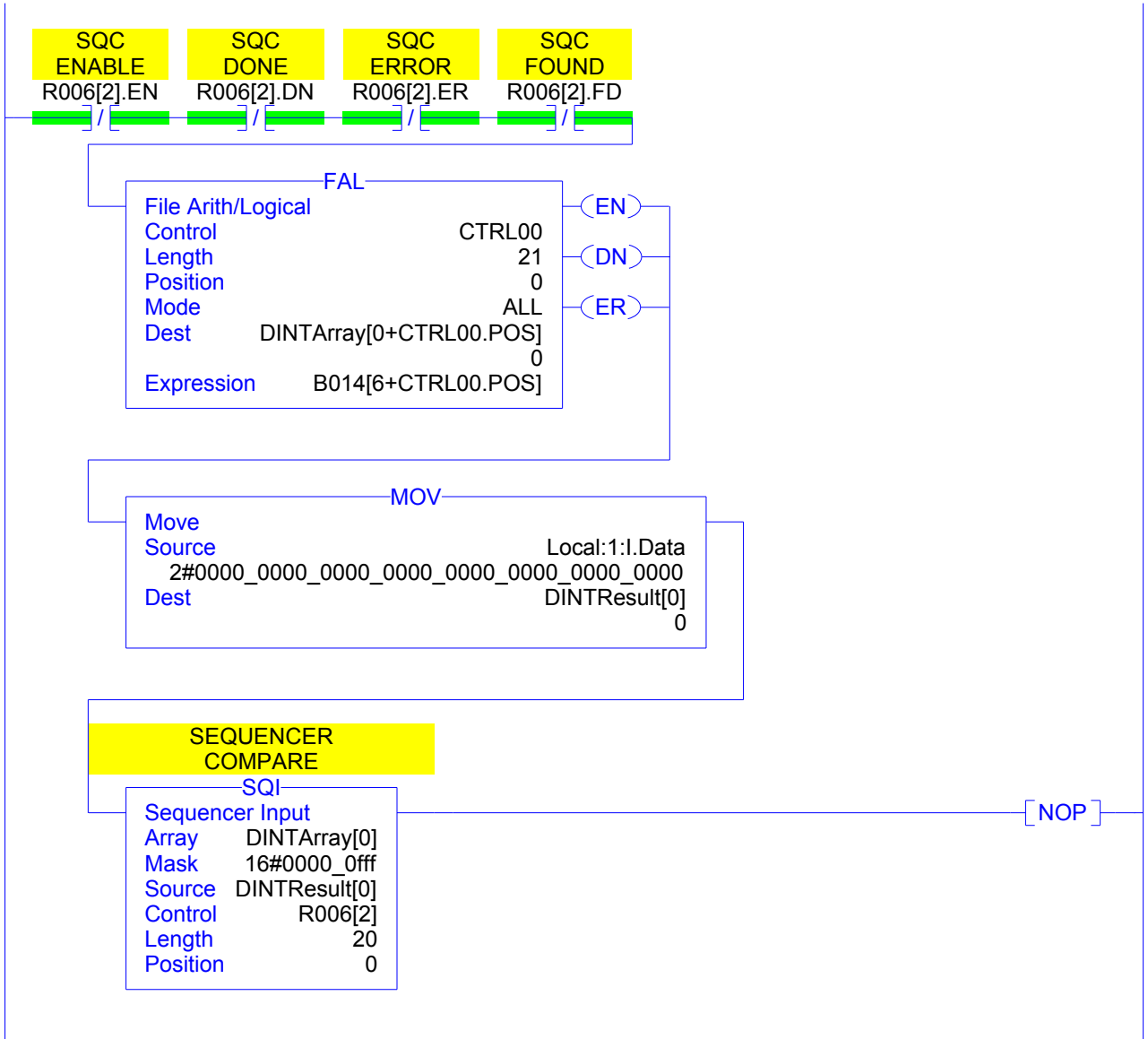
Proportional Integral Derivative  
PID PID000 ...  
Process Variable N012[34]  
Tieback 0  
Control Variable N012[35]  
PID Master Loop 0  
Inhold Bit 0  
Inhold Value 0  
Setpoint 0.0  
Process Variable 0.0  
Output % 0.0

(End)

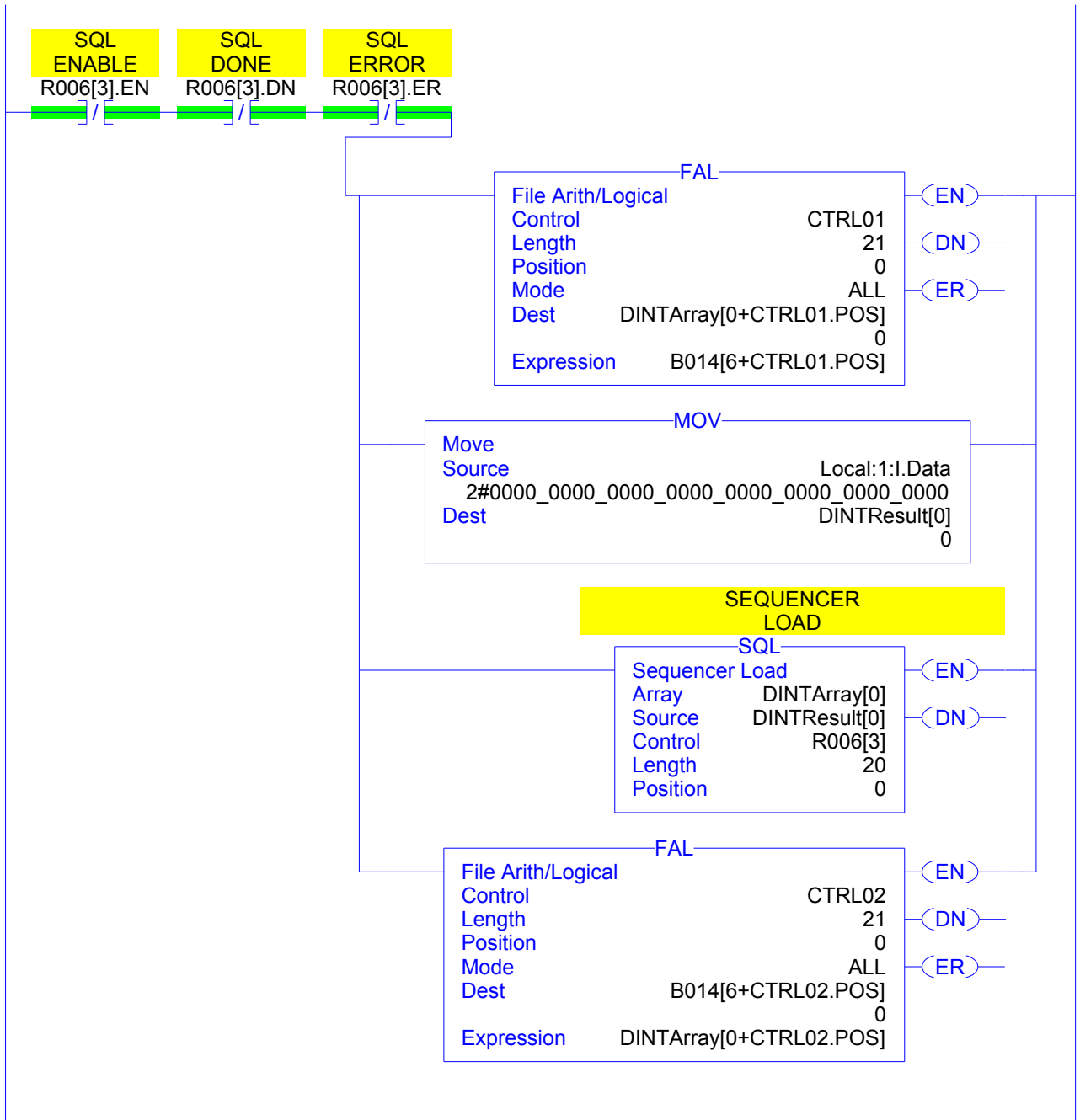


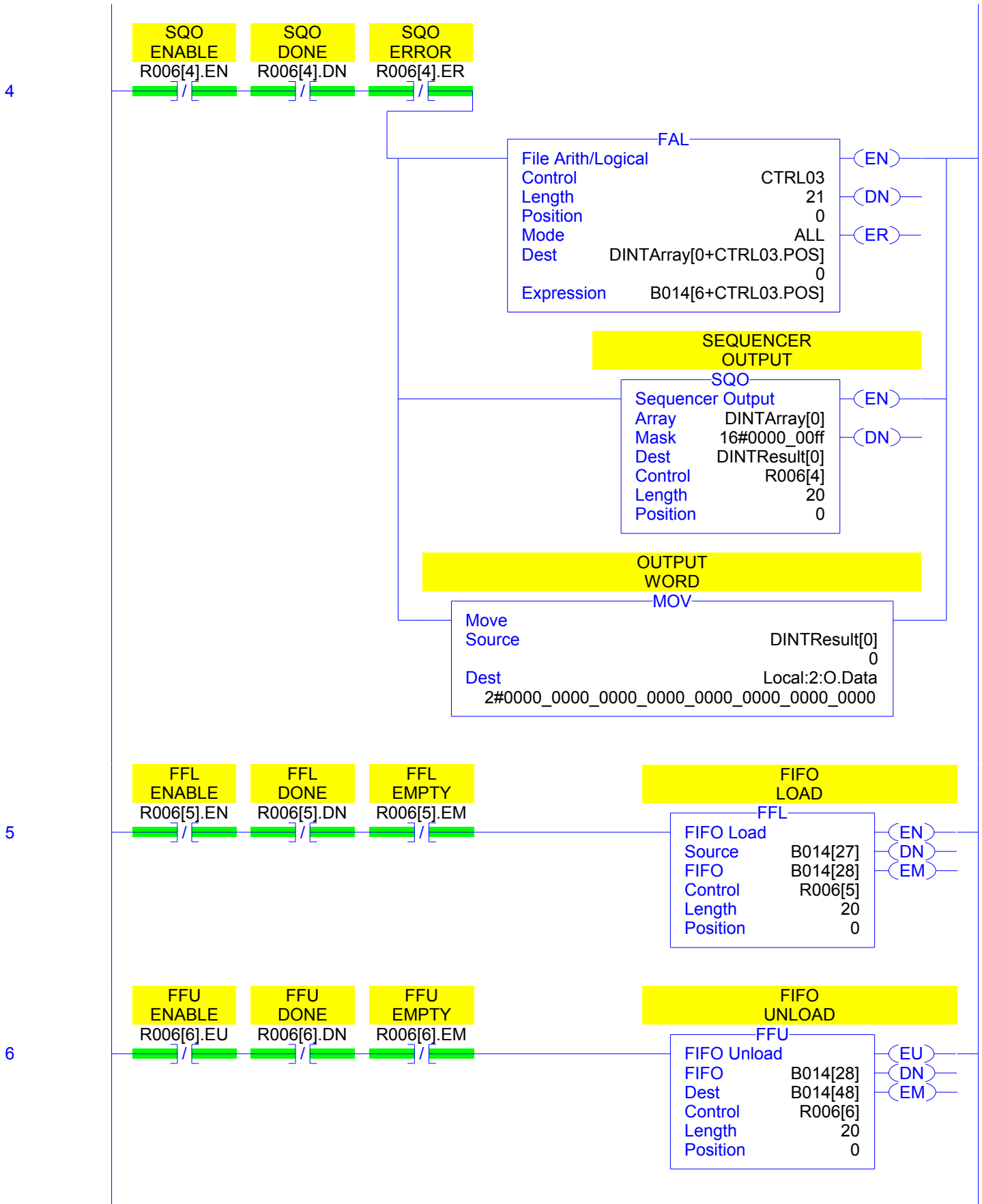


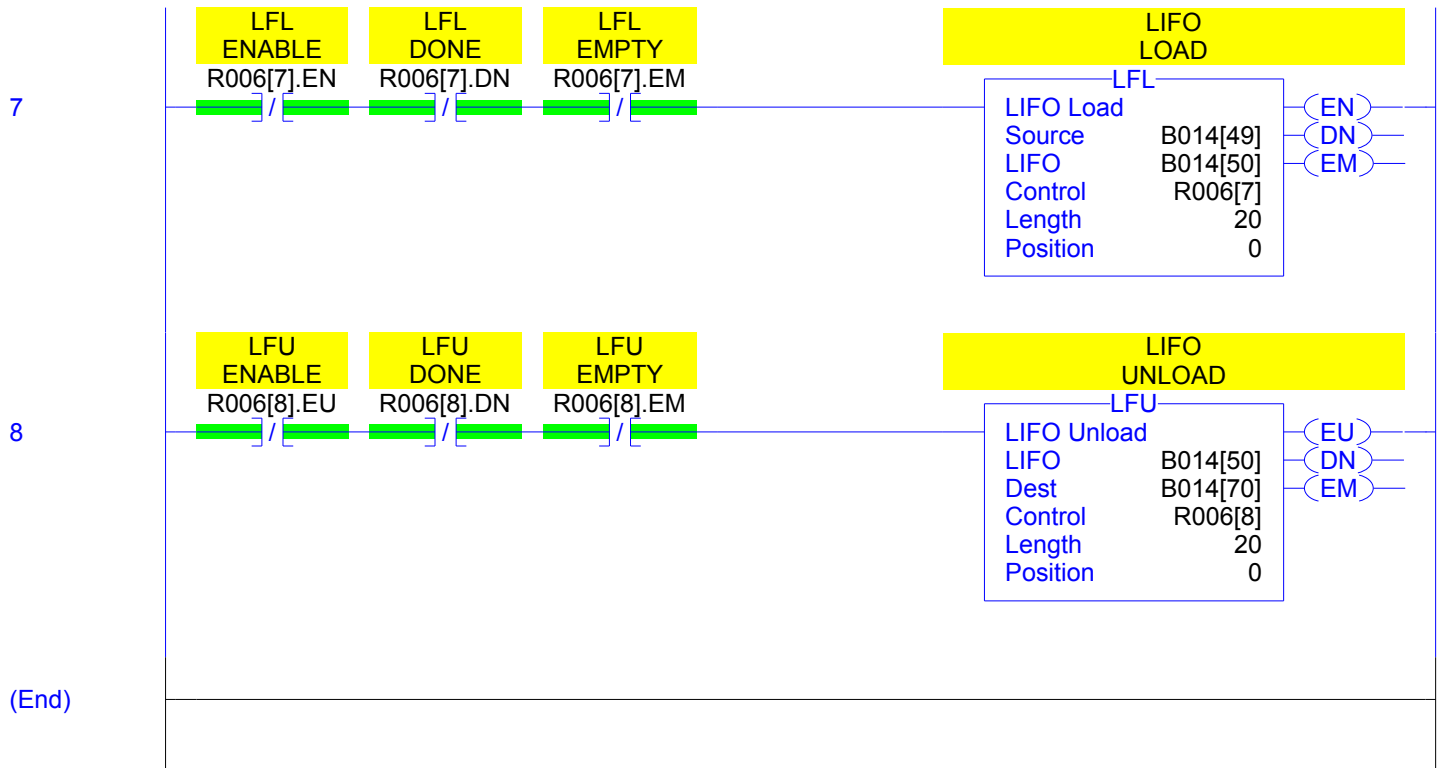
2



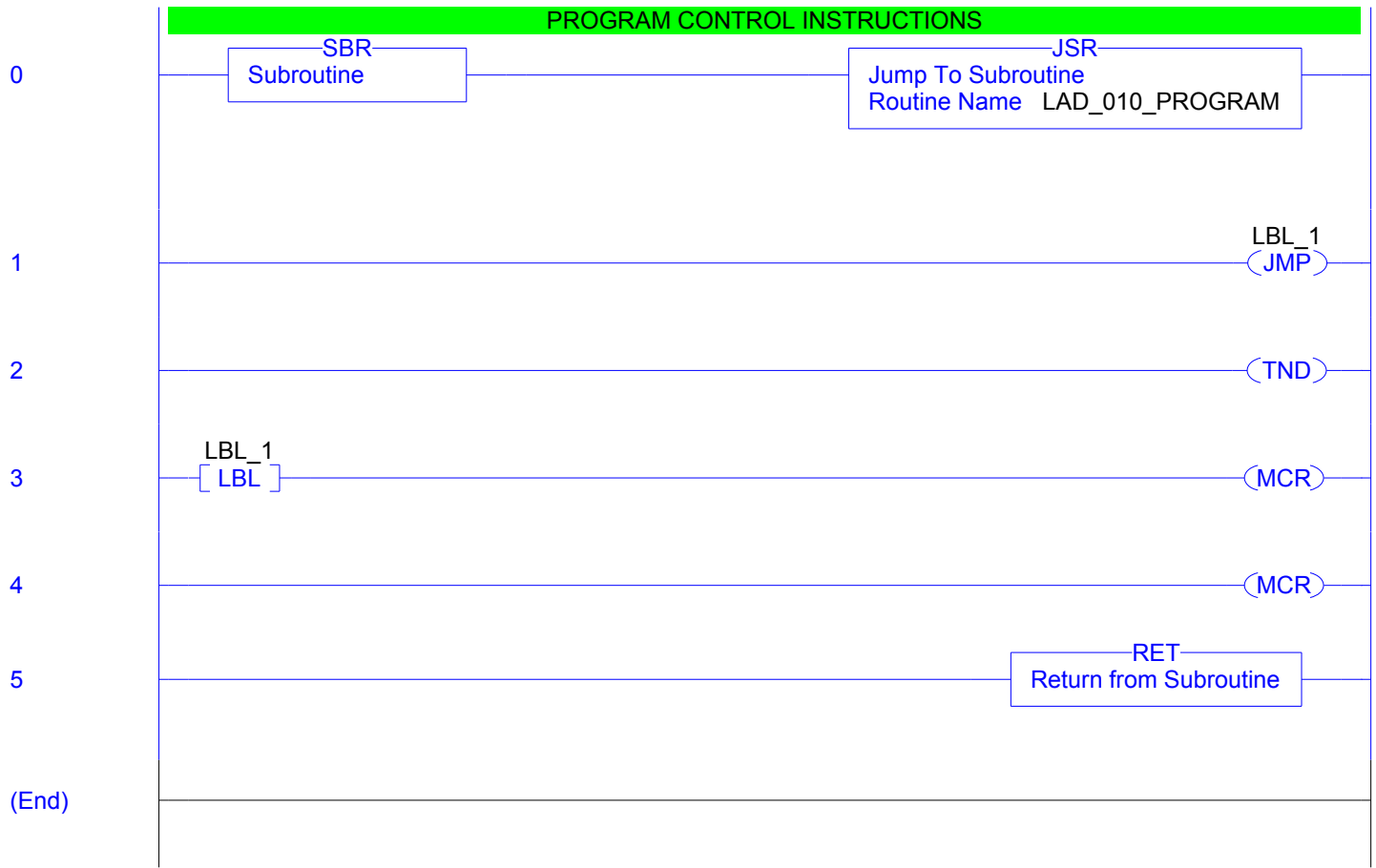
3











ADVANCED MATH INSTRUCTIONS

SINE

SIN

Sine  
Source F015[0]  
0.0  
Dest F015[1]  
0.0

COSINE

COS

Cosine  
Source F015[2]  
0.0  
Dest F015[3]  
0.0

TANGENT

TAN

Tangent  
Source F015[4]  
0.0  
Dest F015[5]  
0.0

ARCSINE

ASN

Arc Sine  
Source F015[6]  
0.0  
Dest F015[7]  
0.0

ARCCOSINE

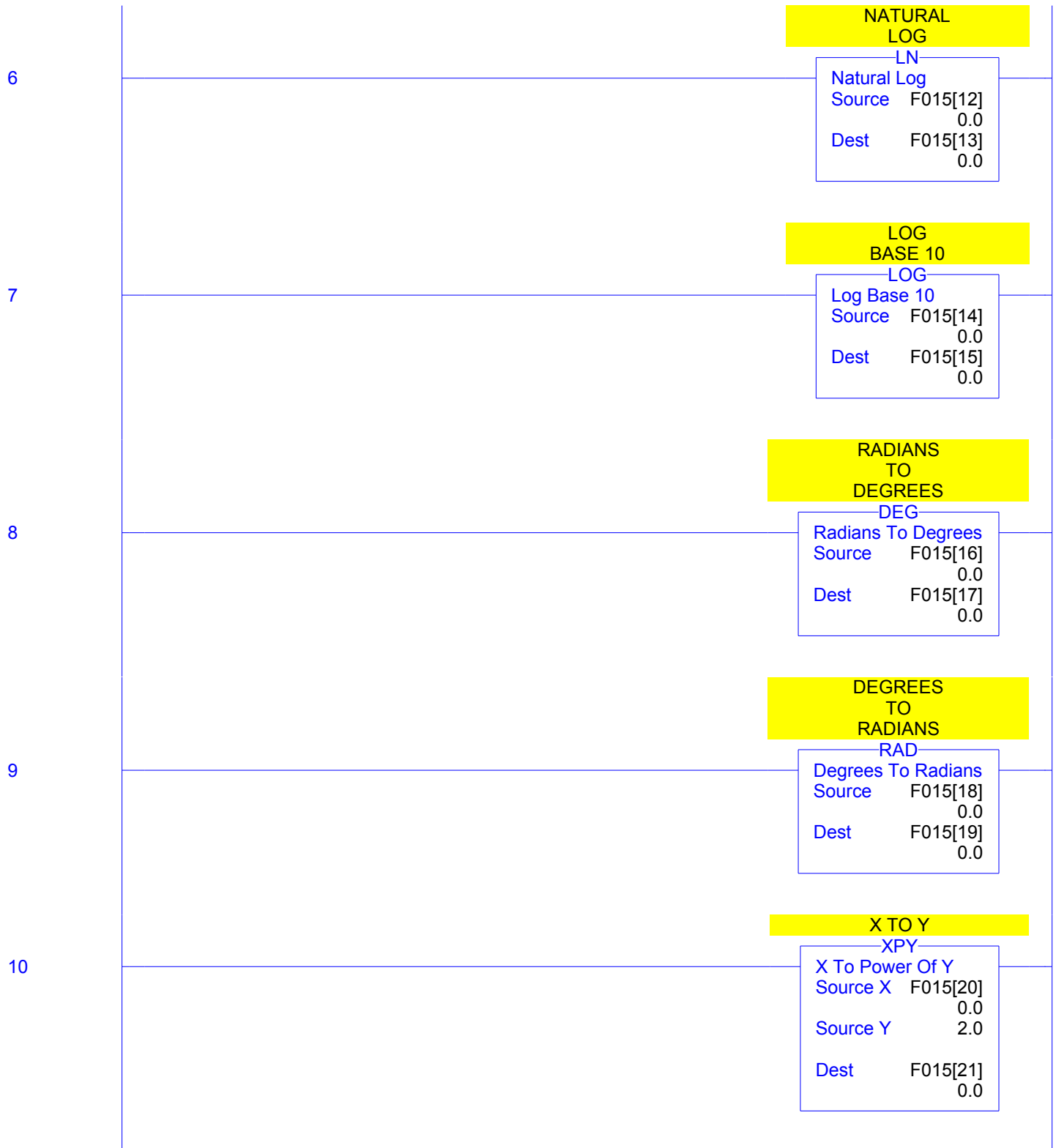
ACS

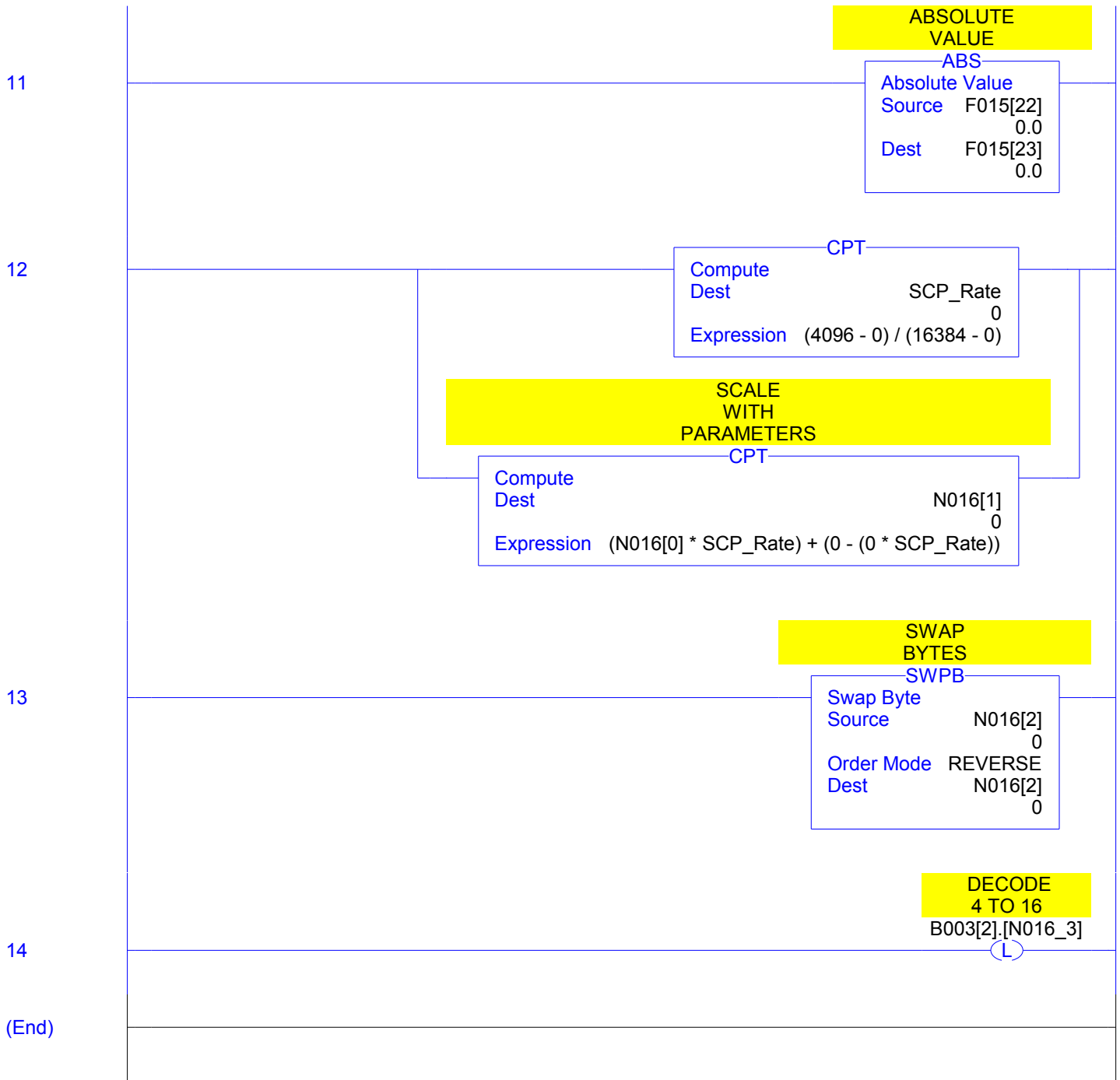
Arc Cosine  
Source F015[8]  
0.0  
Dest F015[9]  
0.0

ARCTANGENT

ATN

Arc Tangent  
Source F015[10]  
0.0  
Dest F015[11]  
0.0





INDIRECT ADDRESSING

These rungs show how indirect addresses will be converted. Indirect addresses can not be documented in the ControlLogix.

0

MOV

Move	
Source	1
Dest	N017_0
	<N017[0]>
	0

1

N007[19].[N017\_0]

MOV

Move	
Source	2
Dest	N007[N017_0]
	0

(End)