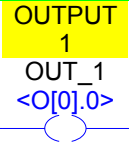
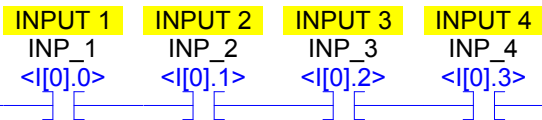


0

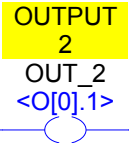
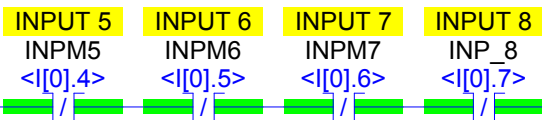
[NOP]

This program is totally useless...
as far as controlling any process. Now on the other hand if you would like to see how different instructions are converted read on.
This program was converted using the NONE option. No I/O addresses were converted. Each I/O addresses will point to the INT array (I[xxx].yy or O[xxx].yy).
The TRASH REGISTER option was set to R0299.
This section of rungs show how RELAYS are converted.

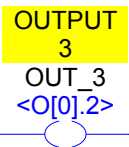
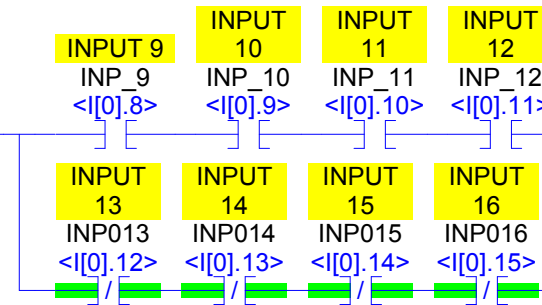
1

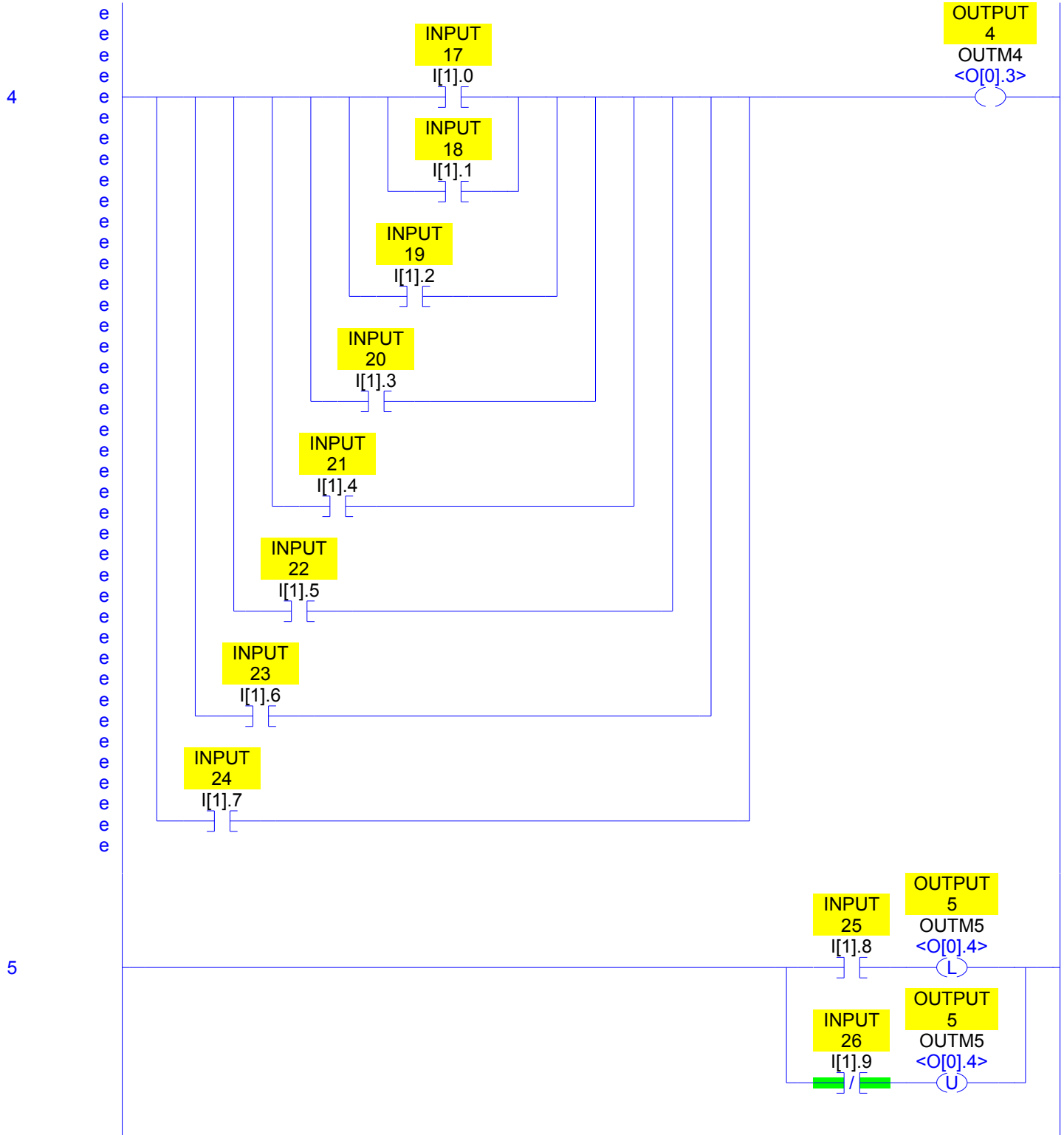


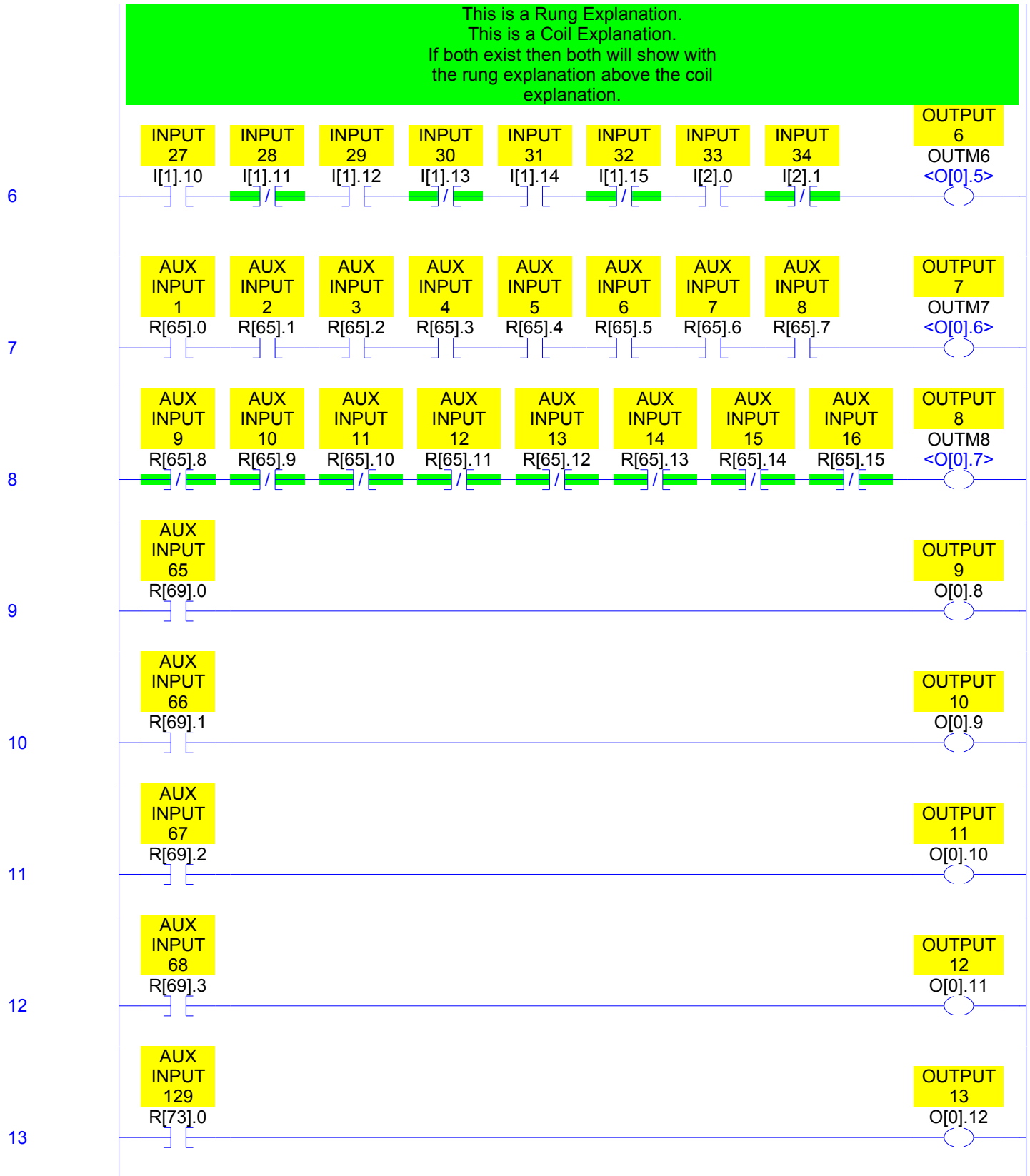
2

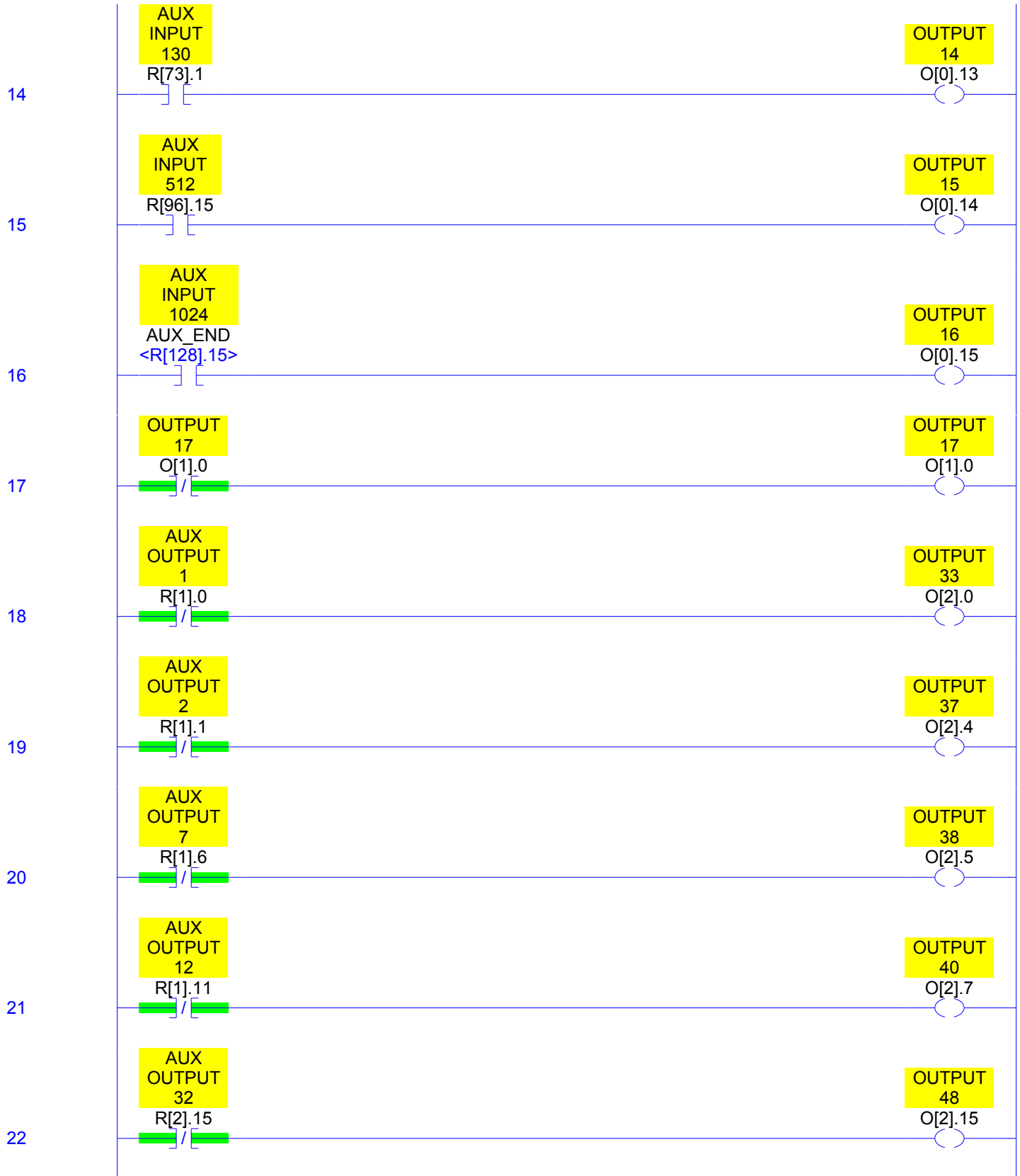


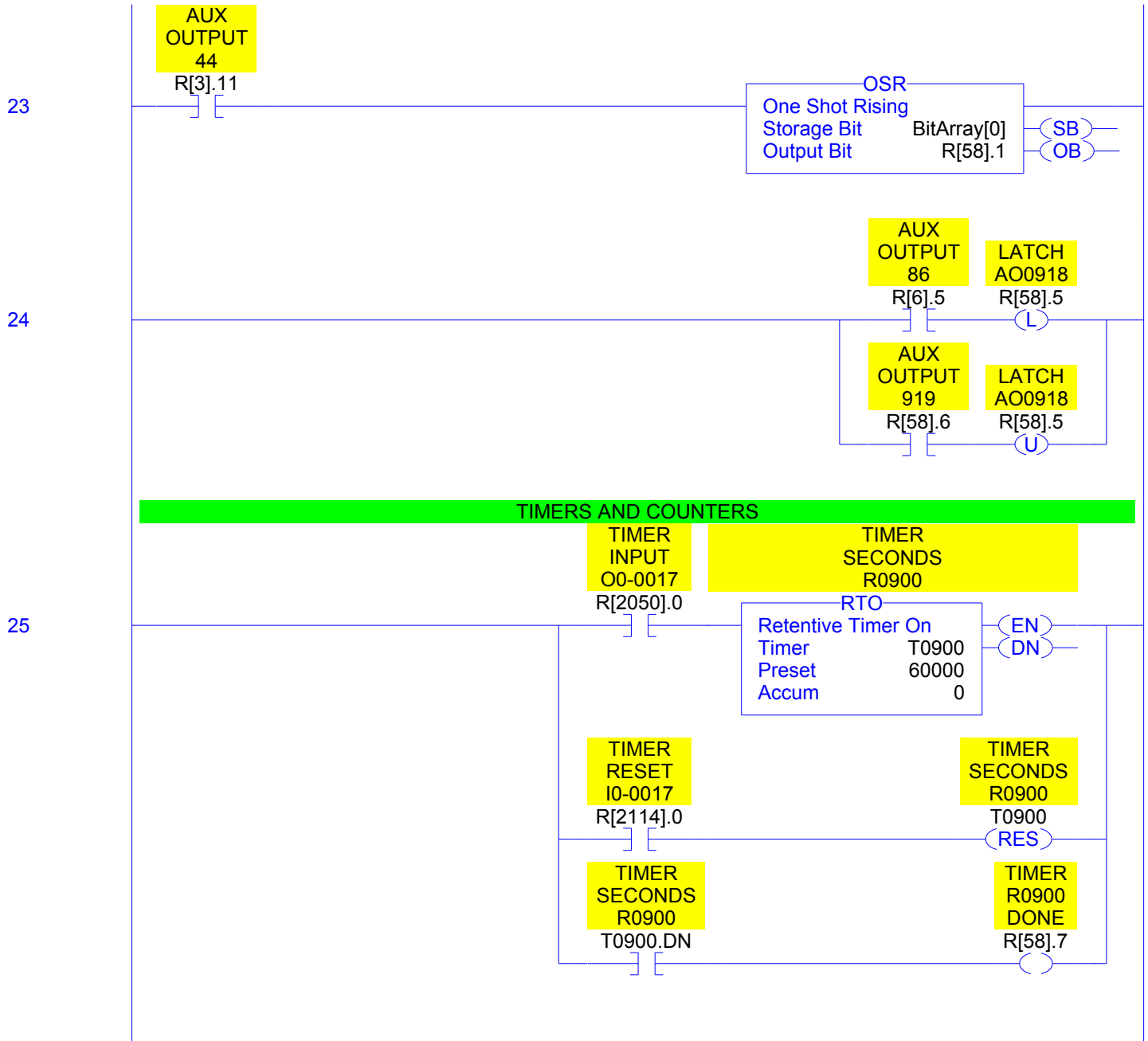
3

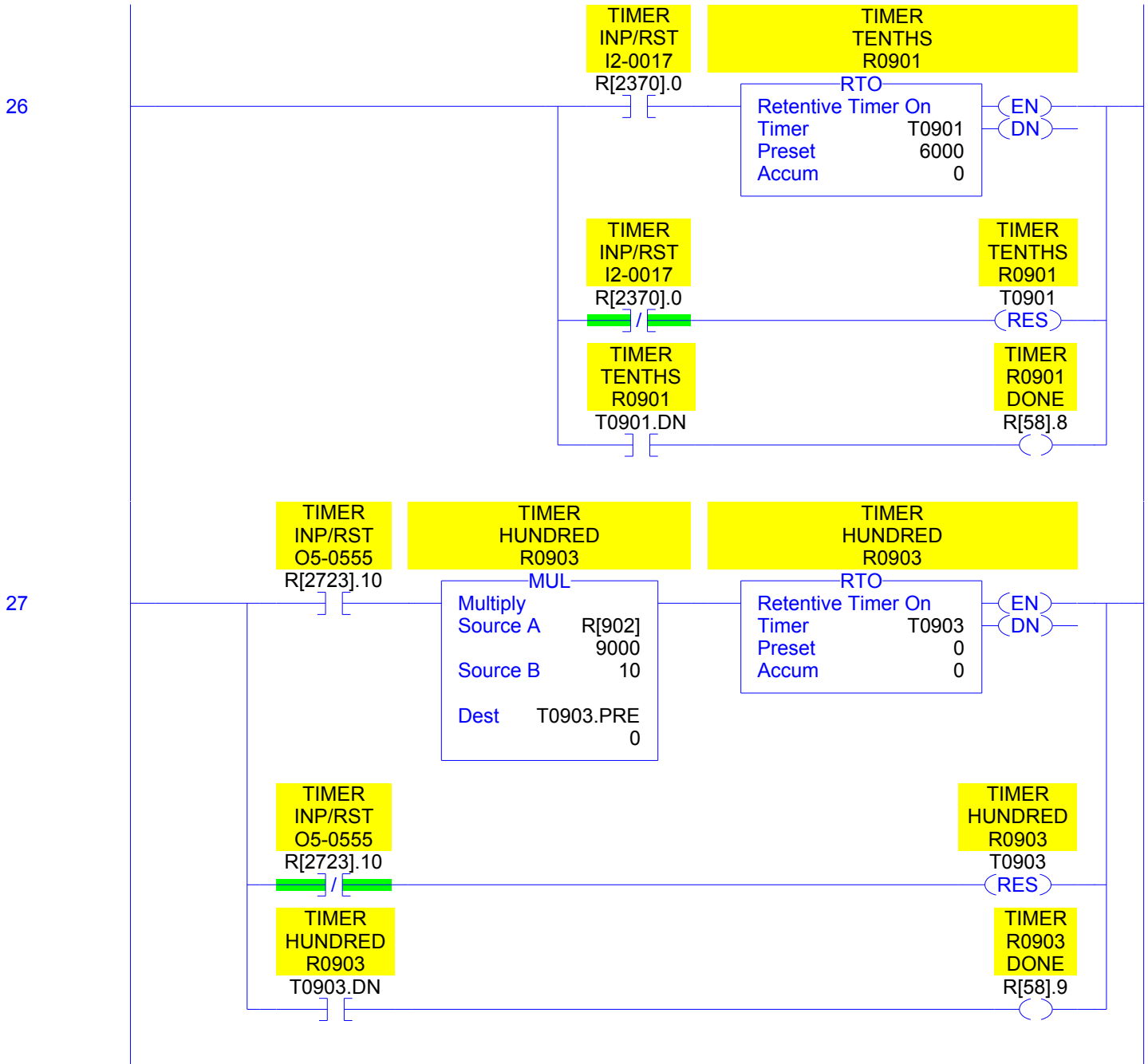




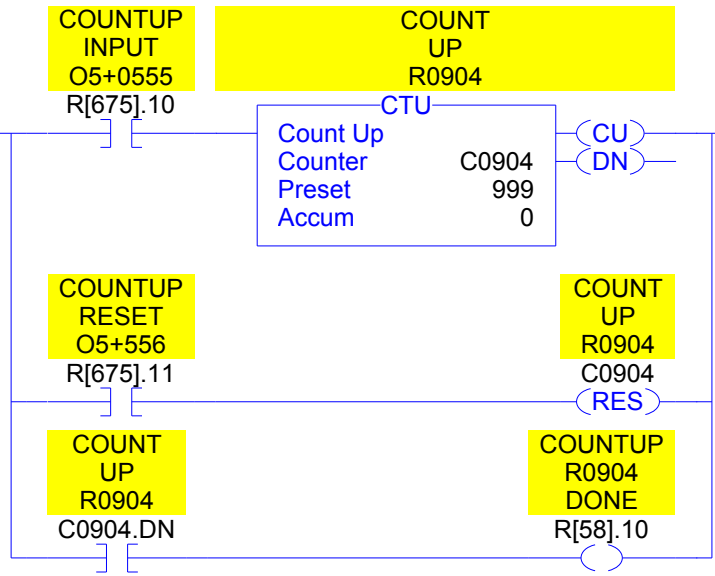




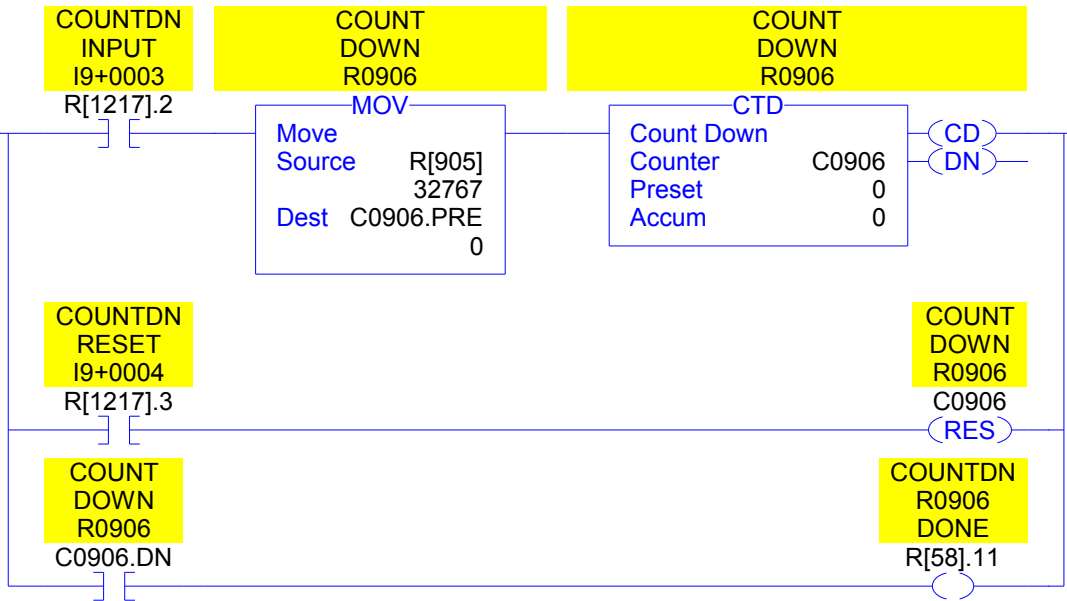




28



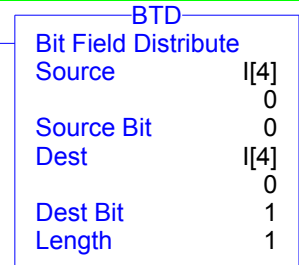
29



SHIFT/MOVE FUNCTIONS

THIS SHIFT USES AN ADDRESS THAT IS ON THE WORD BOUNDRY.

30



THIS SHIFT USES AN ADDRESS THAT IS ON A BYTE BOUNDARY.
THE ADDRESS WILL CHANGE TO THE WORD BOUNDARY AND A NOTE
WILL BE MADE IN THE LOG FILE.

31

BTD

Bit Field Distribute

Source	I[4]
	0
Source Bit	0
Dest	I[4]
	0
Dest Bit	1
Length	1

32

I/O REG
RESULT
R0907

MOV

Move	
Source	I[5]
	0
Dest	R[907]
	0

33

MOV

Move	
Source	R[908]
	0
Dest	O[5]
	0

34

TOD

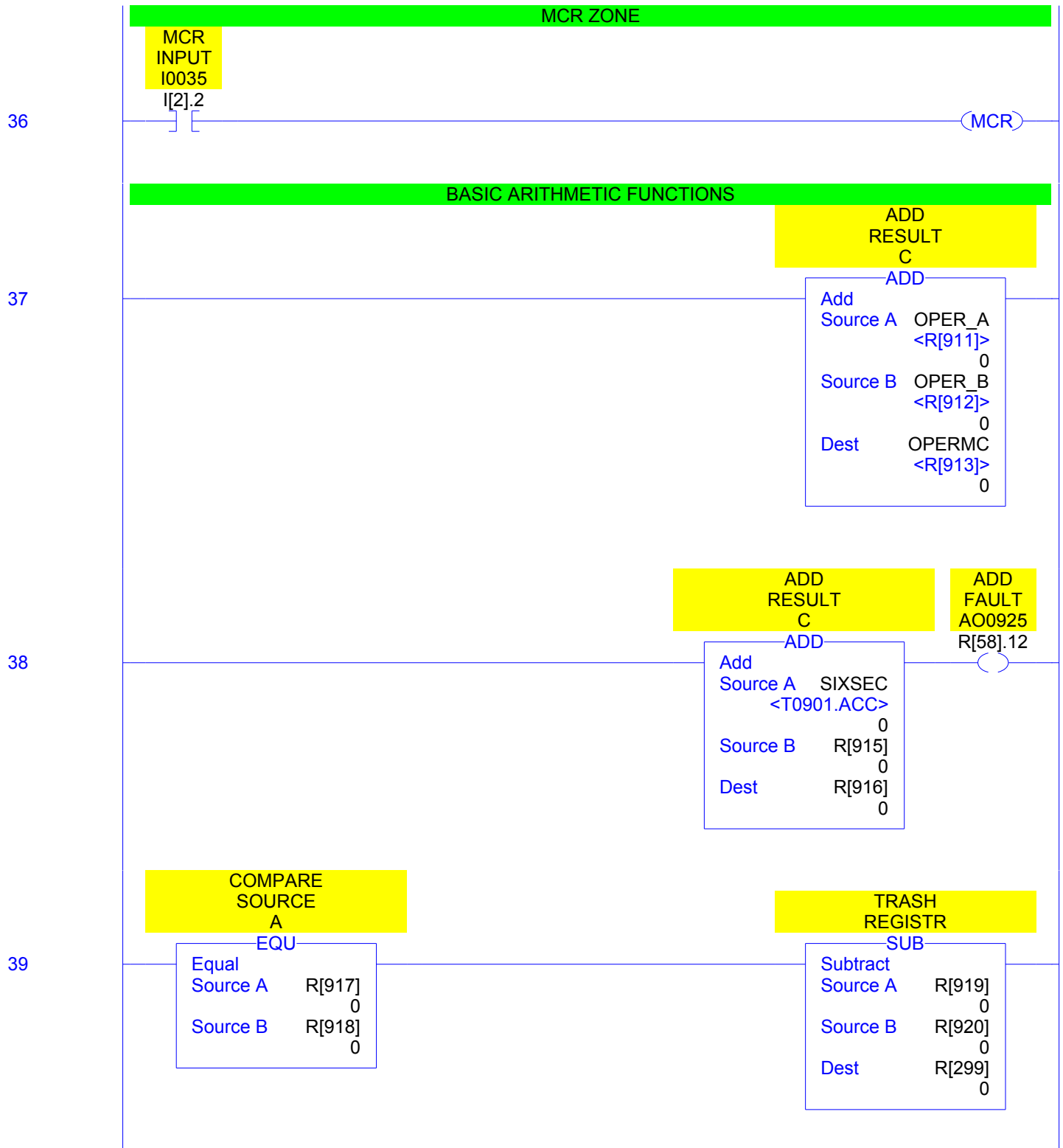
To BCD	
Source	R[909]
	0
Dest	O[6]
	0

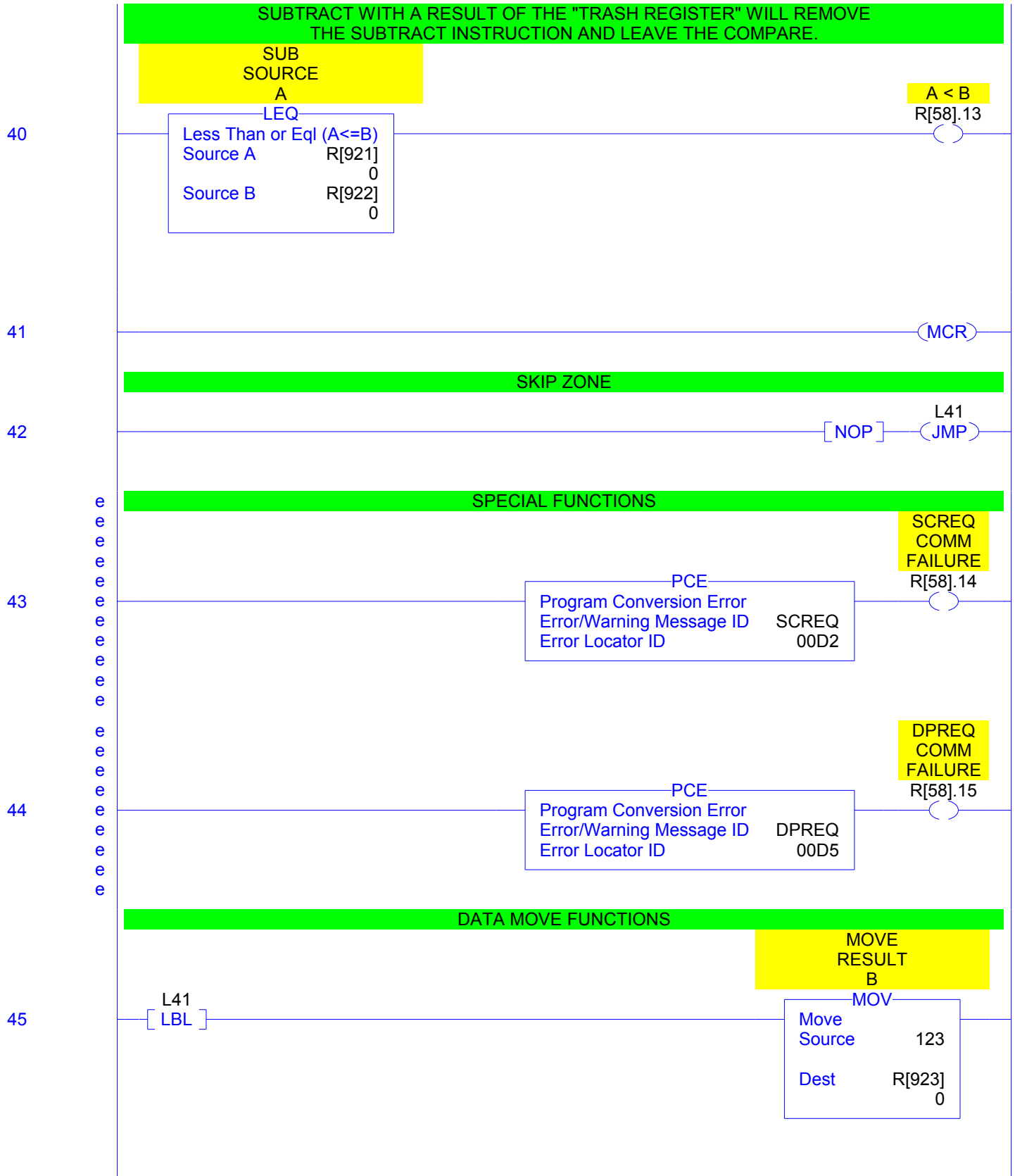
35

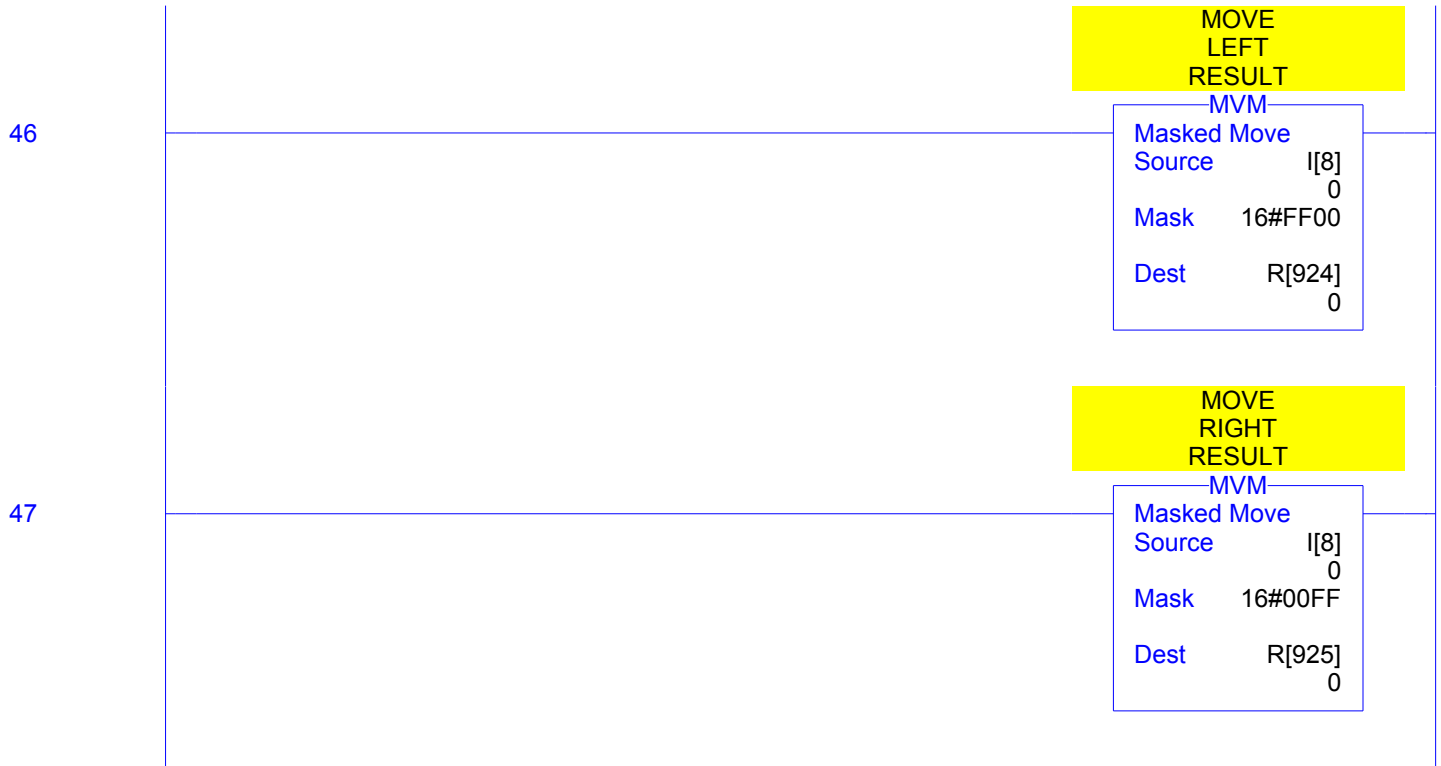
BCD BIN
RESULT
R0910

FRD

From BCD	
Source	I[6]
	0
Dest	R[910]
	0

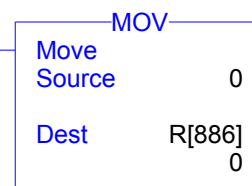
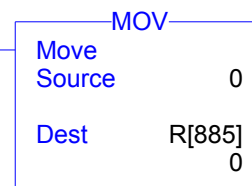
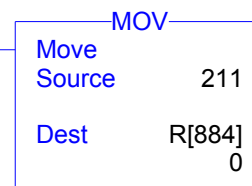
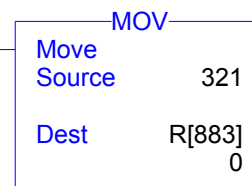
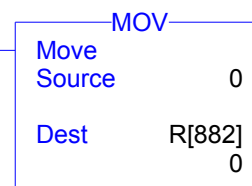
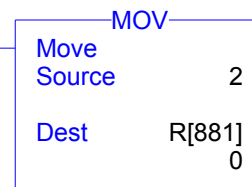






48

DATA
PROCESS
REQUEST



SIGNED ARITHMETIC FUNCTIONS

49

ADDX
RESULT
C

ADD

Add
Source A R[926]
0
Source B R[927]
0
Dest R[928]
0

50

TRASH
REGISTR

SUB

Subtract
Source A R[929]
0
Source B 2
Dest R[299]
0

51

LEQ

Less Than or Eql (A<=B)
Source A 50
Source B R[930]
0

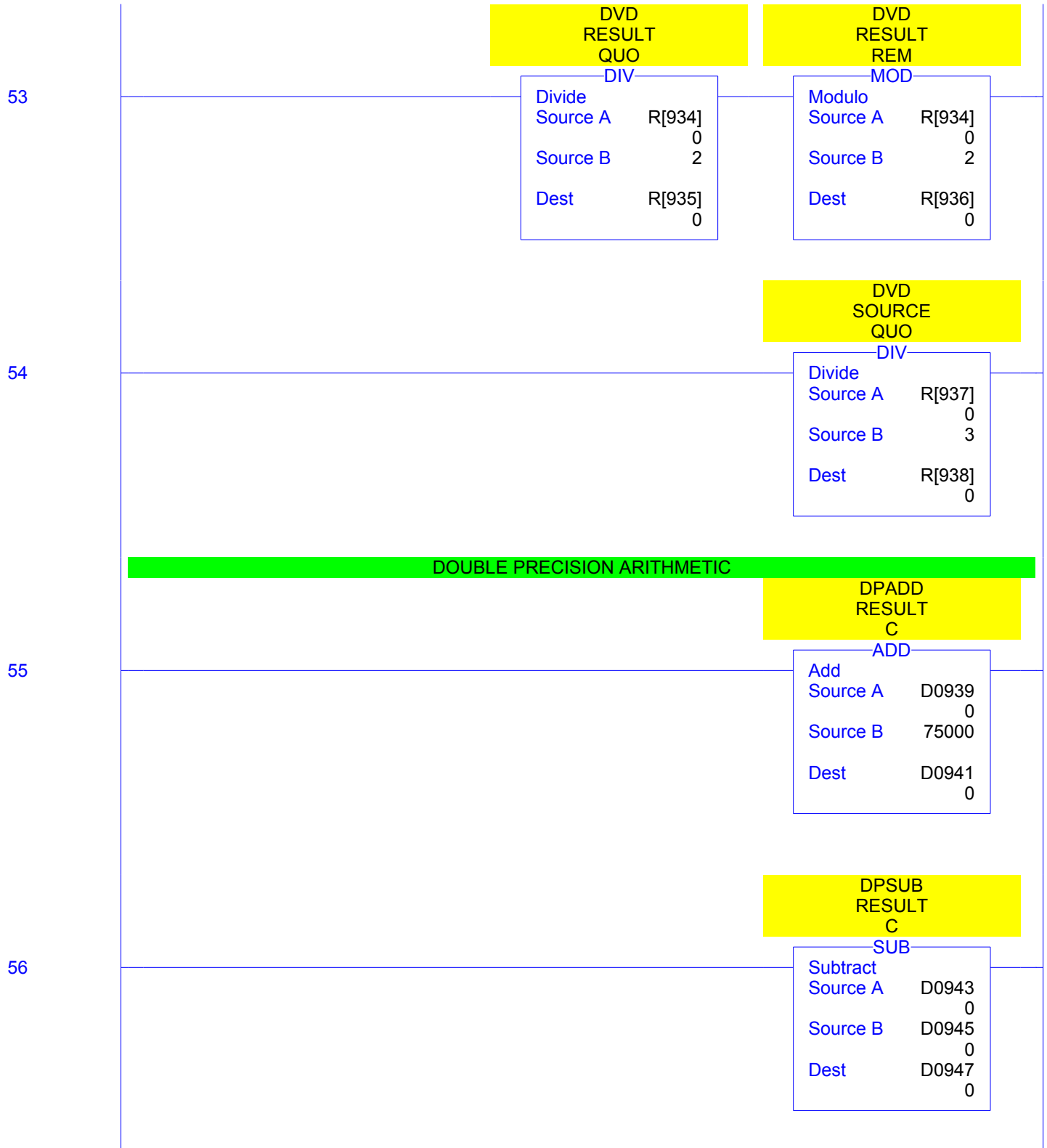
A < B
R[59].0

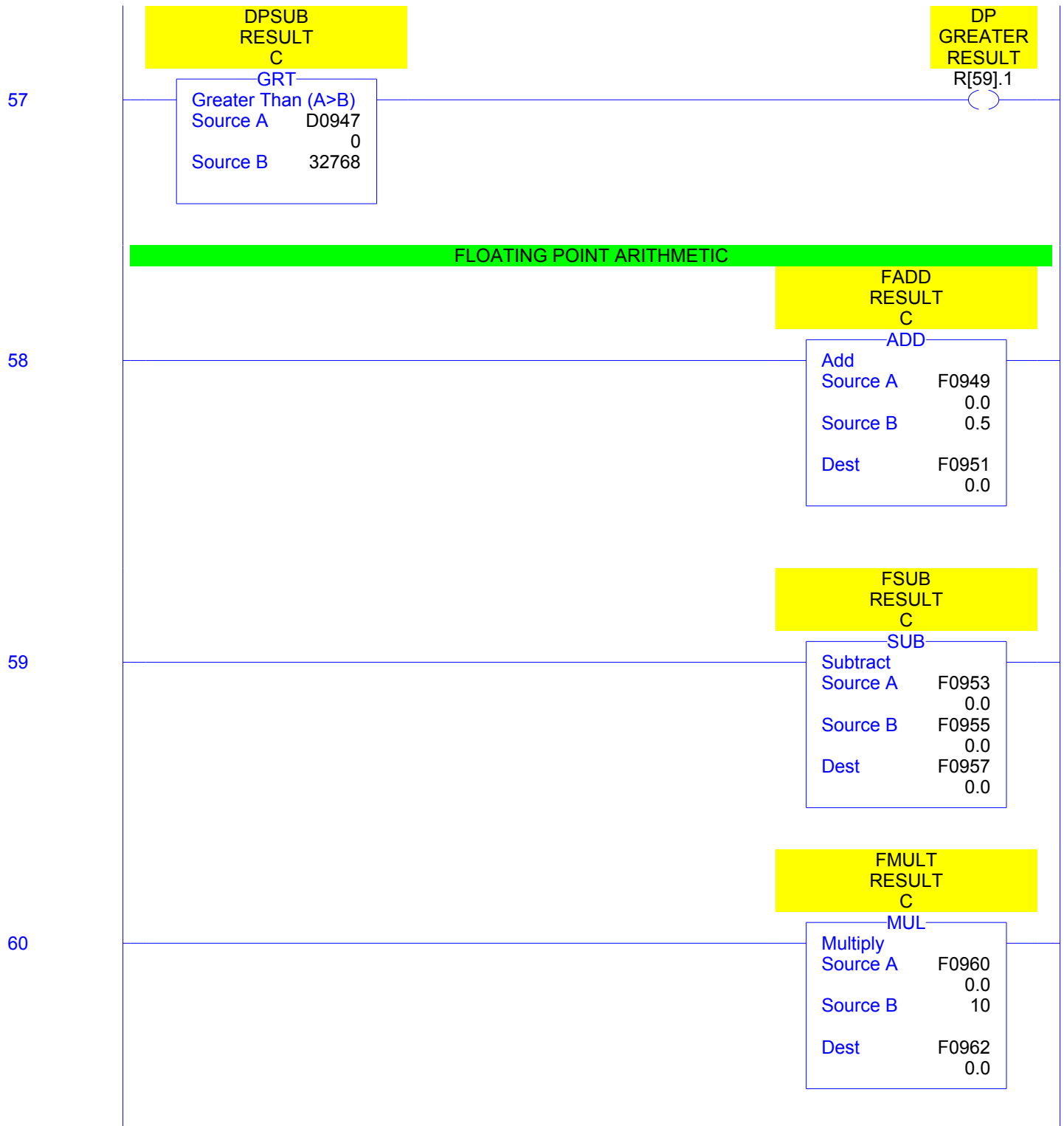
52

MPY
RESULT
C

MUL

Multiply
Source A R[931]
0
Source B R[932]
0
Dest R[933]
0





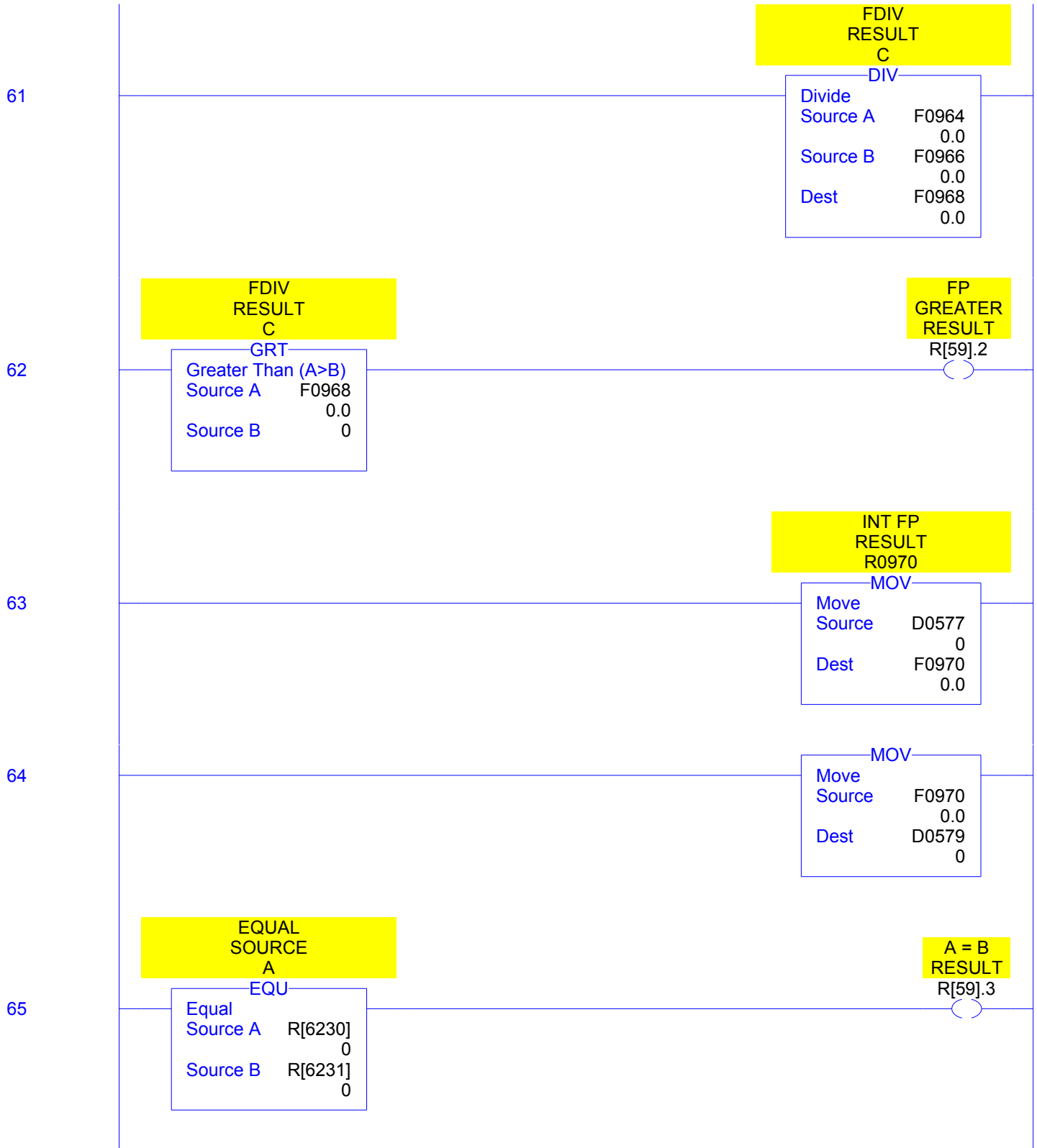


TABLE MOVE FUNCTIONS

66

SRC TAB POINTER SRC TAB POINTER

FAL

File Arith/Logical	
Control	Ctrl00
Length	1
Position	0
Mode	INC
Dest	R[1002+Ctrl00.POS]
	0
Expression	R[1000]

(EN) (U) Ctrl00.EN

(DN)

(ER)

67

SRC TAB POINTER SRC TAB POINTER

FAL

File Arith/Logical	
Control	Ctrl01
Length	5
Position	0
Mode	INC
Dest	R[1005+Ctrl01.POS]
	0
Expression	R[1003]

(EN) (U) Ctrl01.EN

(DN)

(ER)

68

TAB DST TABLE TAB DST TABLE

FAL

File Arith/Logical	
Control	Ctrl02
Length	1
Position	0
Mode	INC
Dest	R[1012]
	0
Expression	R[1011+Ctrl02.POS]

(EN) (U) Ctrl02.EN

(DN)

(ER)

69

TAB DST TABLE TAB DST TABLE

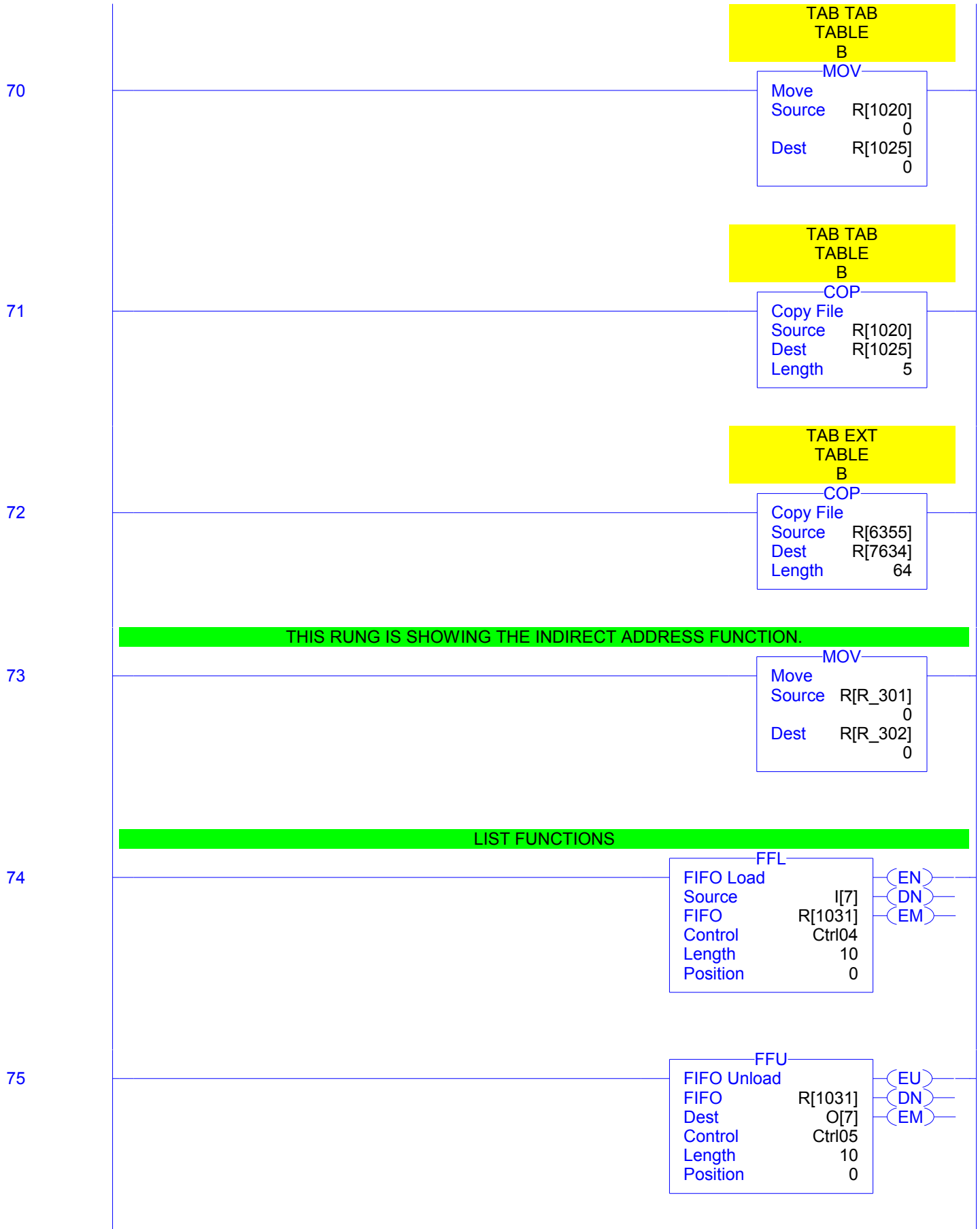
FAL

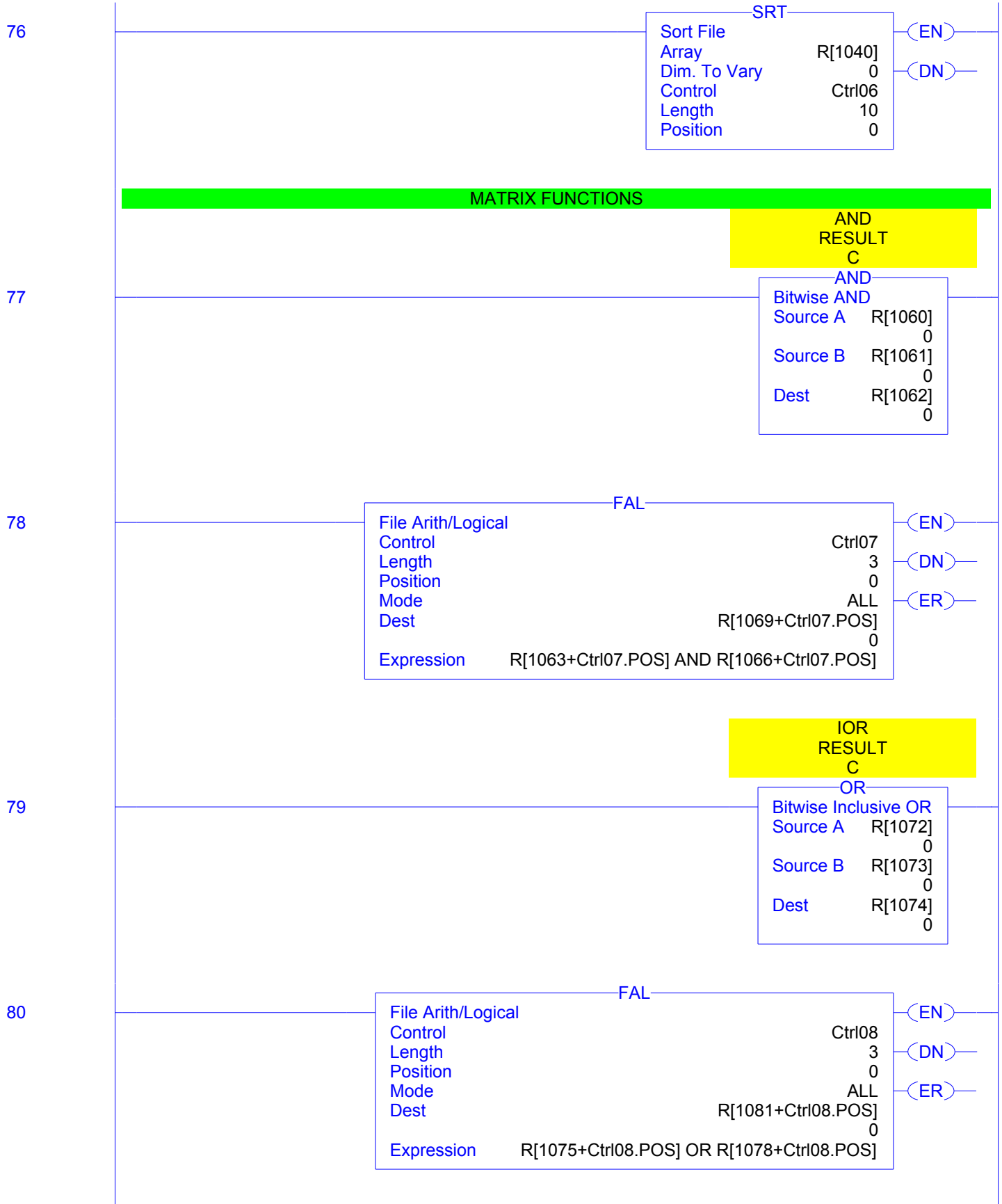
File Arith/Logical	
Control	Ctrl03
Length	5
Position	0
Mode	INC
Dest	R[1019]
	0
Expression	R[1014+Ctrl03.POS]

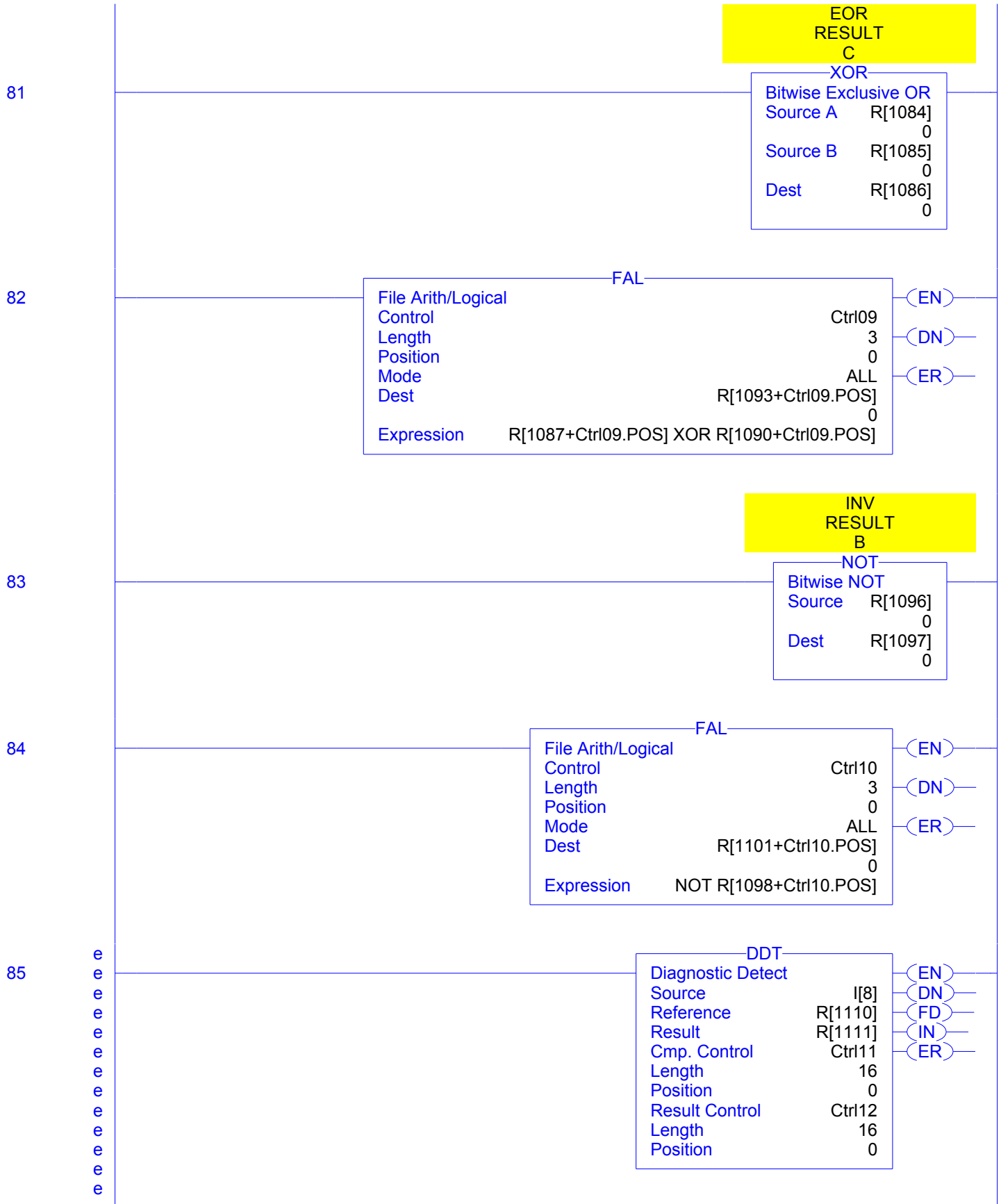
(EN) (U) Ctrl03.EN

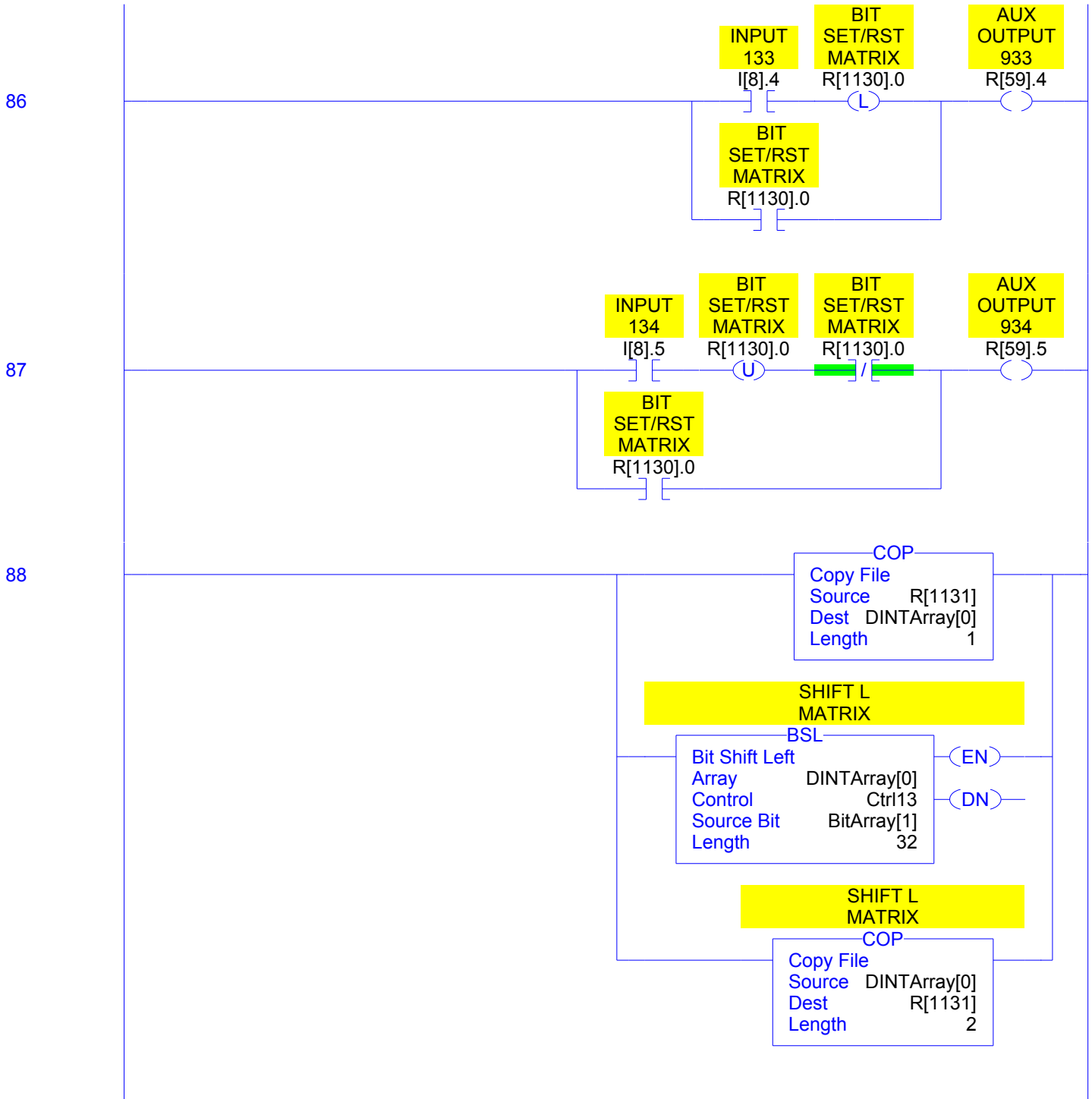
(DN)

(ER)

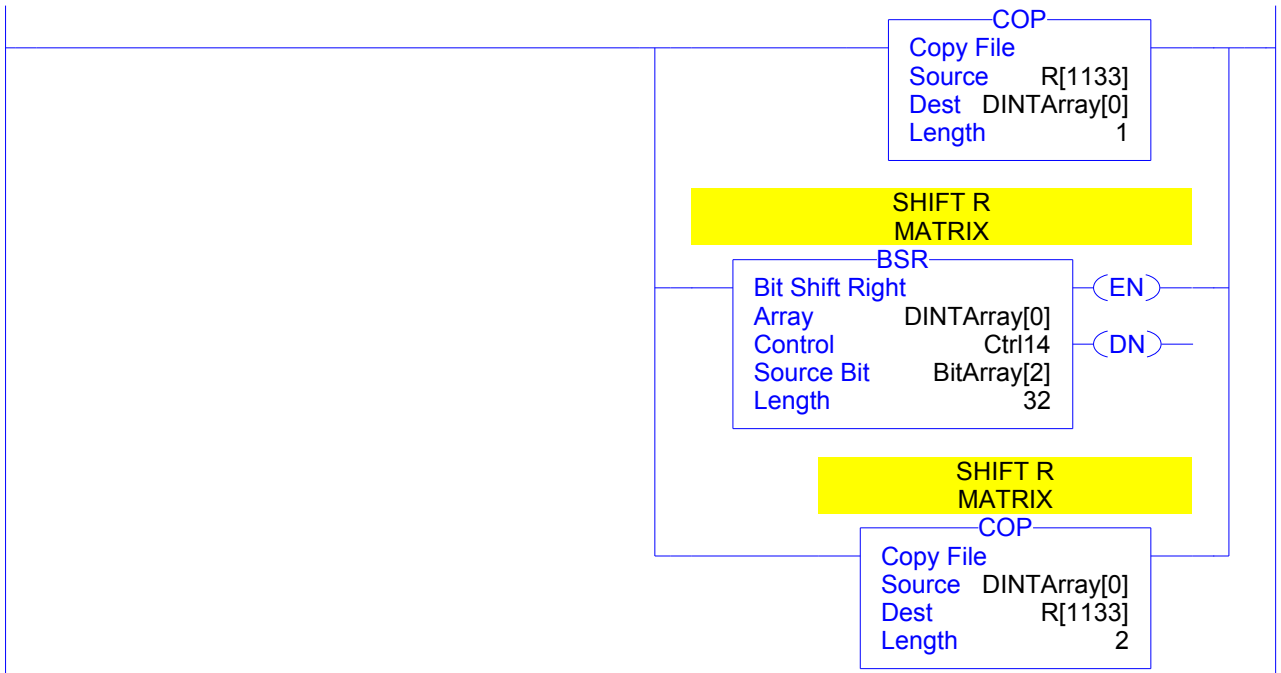




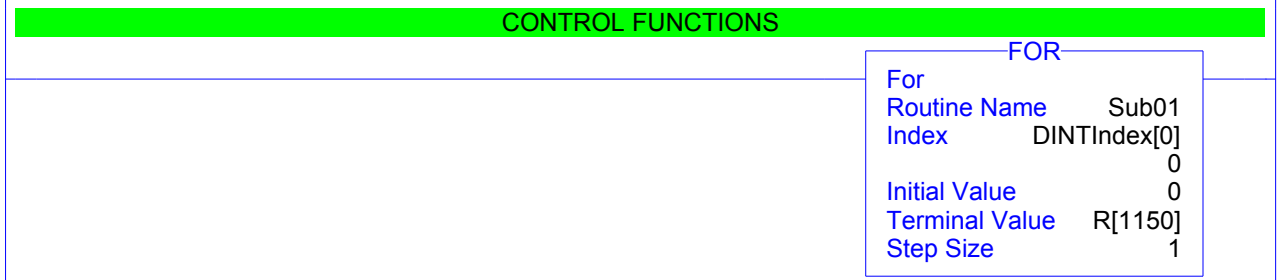




89



90



(End)

SUBROUTINE 1
CONTROL FUNCTIONS

AUX
OUTPUT
935
R[59].6

0

[NOP]



1

[NOP]

2

[NOP]

3

[NOP]

4

[NOP]

5

e
e
e
e
e

PCE

Program Conversion Error
Error/Warning Message ID WINDOW FUNCTION
Error Locator ID 01E6

6

RET

Return from Subroutine

(End)