

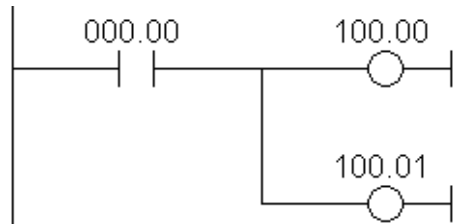
TR's

**TÉCNICAS DE
PROGRAMACIÓN**

**EJERCICIOS DE
DIAGRAMAS DE RELÉS**

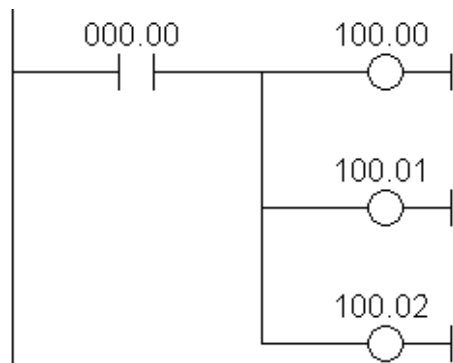
CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 1:



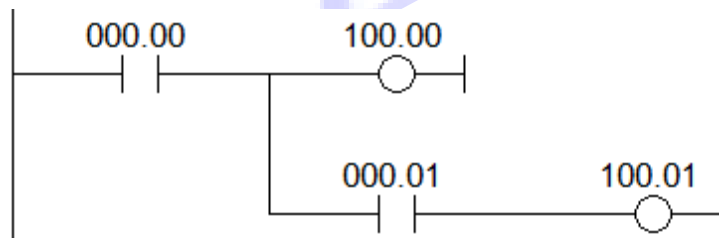
LD	000.00
OUT	100.00
OUT	100.01

EJERCICIO 2:



LD	000.00
OUT	100.00
OUT	100.01
OUT	100.02

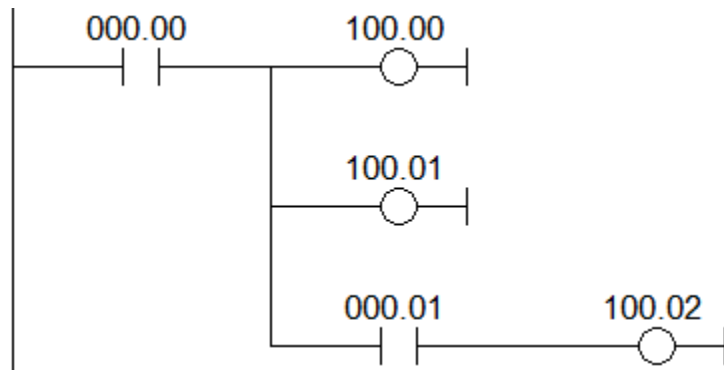
EJERCICIO 3:



LD	000.00
OUT	100.00
AND	000.01
OUT	100.01

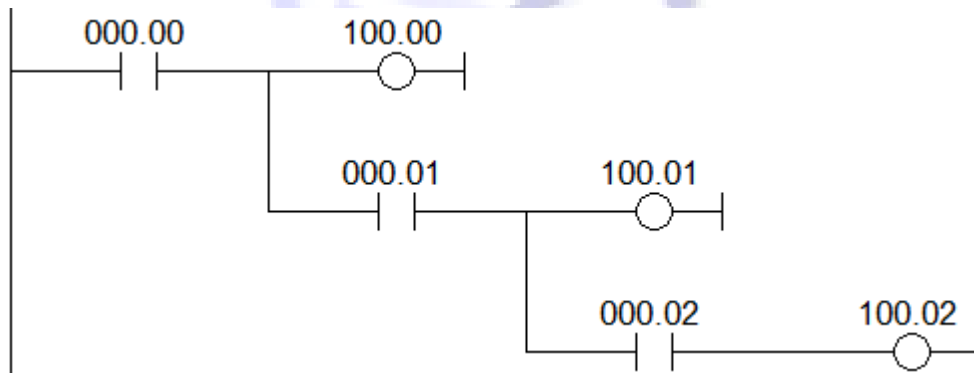
CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 4:



LD	000.00
OUT	100.00
OUT	100.01
AND	000.01
OUT	100.02

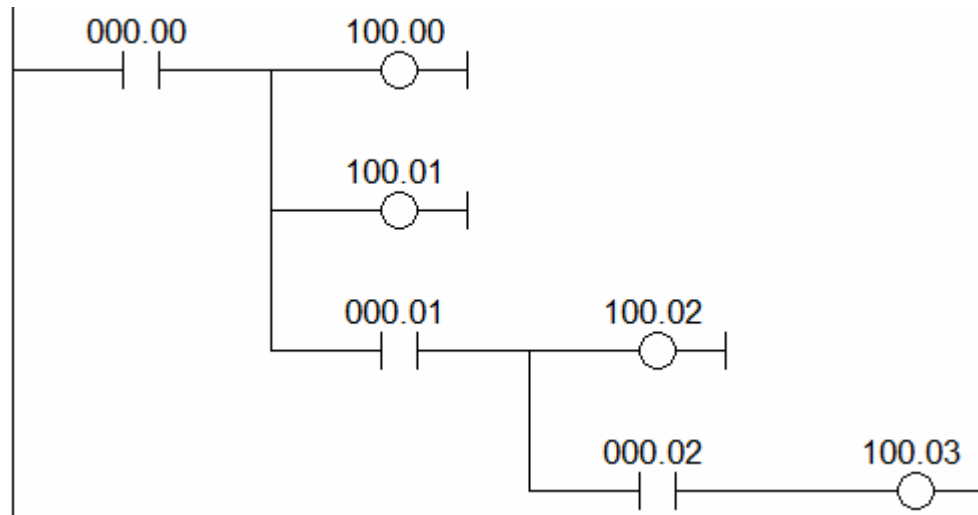
EJERCICIO 5:



LD	000.00
OUT	100.00
AND	000.01
OUT	100.01
AND	000.02
OUT	100.02

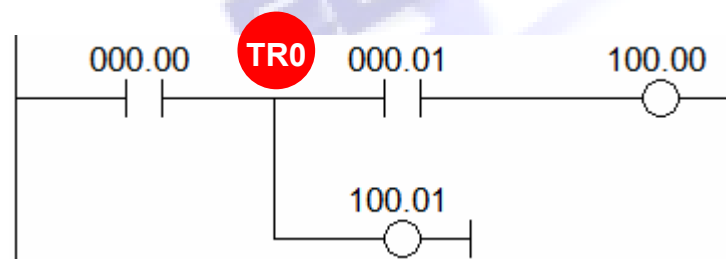
CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 6:



LD	000.00
OUT	100.00
OUT	100.01
AND	000.01
OUT	100.02
AND	000.02
OUT	100.03

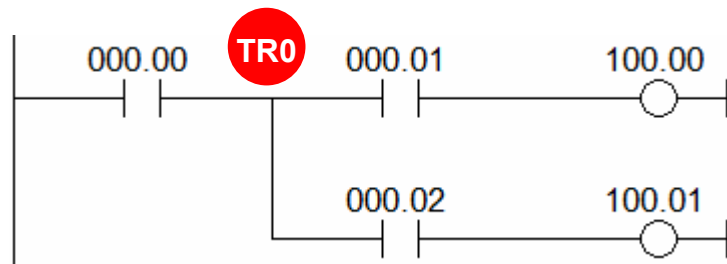
EJERCICIO 7:



LD	000.00
OUT	TR0
AND	000.01
OUT	100.00
LD	TR0
OUT	100.01

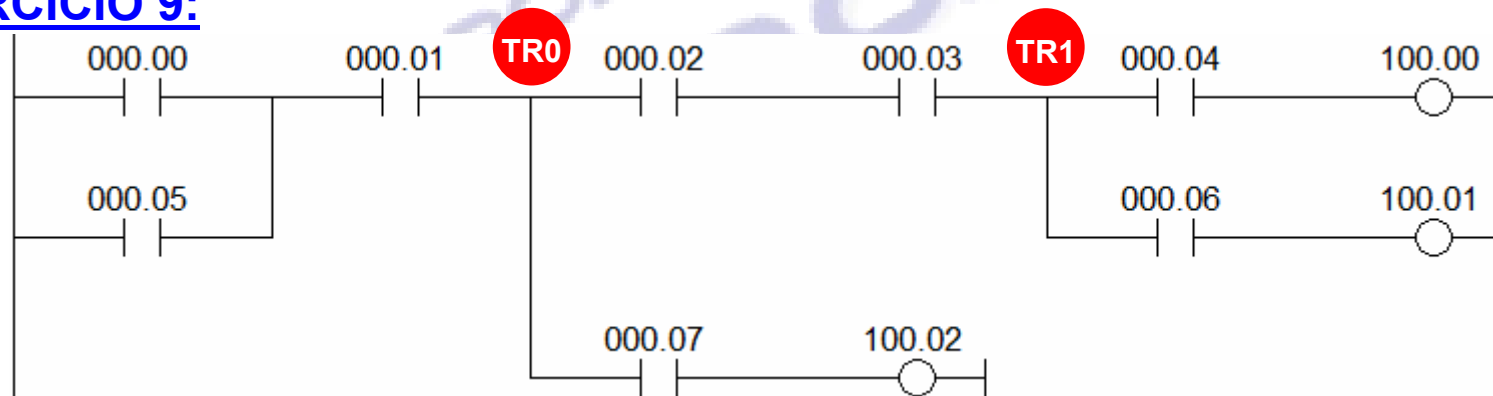
CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 8:



LD	000.00
OUT	TR0
AND	000.01
OUT	100.00
LD	TR0
AND	000.02
OUT	100.01

EJERCICIO 9:



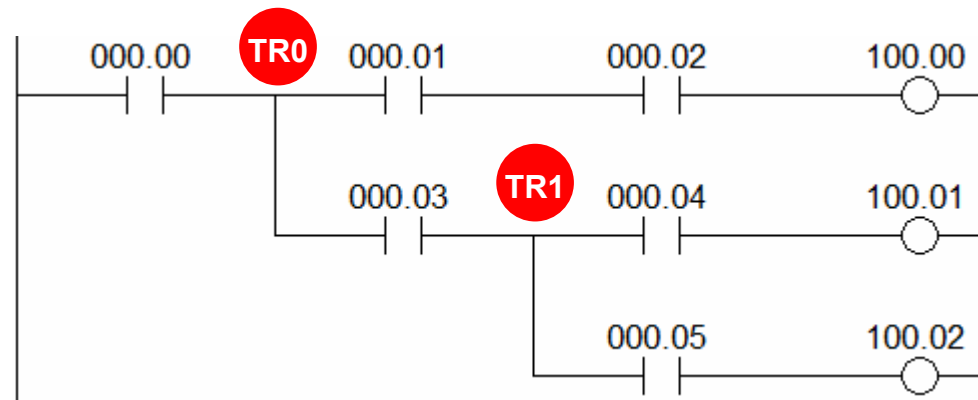
LD	000.00
OR	000.05
AND	000.01
OUT	TR0
AND	000.02

AND	000.03
OUT	TR1
AND	000.04
OUT	100.00
LD	TR1

AND	000.06
OUT	100.01
LD	TR0
AND	000.07
OUT	100.02

CURSO DE AUTÓMATAS PROGRAMABLES

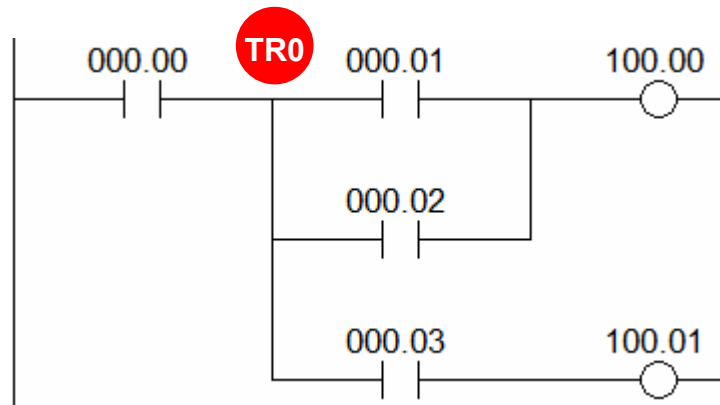
EJERCICIO 10:



LD	000.00	OUT	TR1
OUT	TR0	AND	000.04
AND	000.01	OUT	100.01
AND	000.02	LD	TR1
OUT	100.00	AND	000.05
LD	TR0	OUT	100.02
AND	000.03		

CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 11:

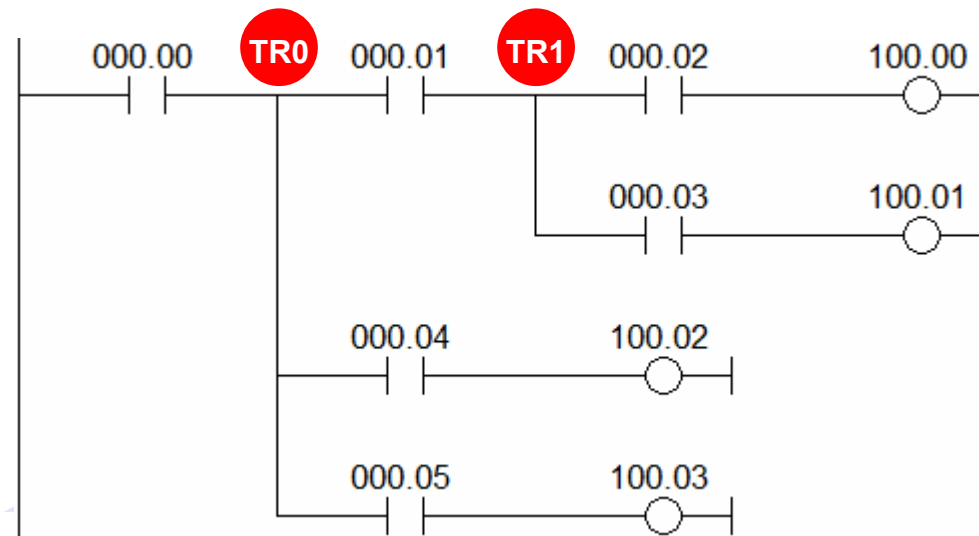


```
LD    000.00
OUT   TR0
AND   000.01
LD    TR0
AND   000.02
OR LD
OUT   100.00
LD    TR0
AND   000.03
OUT   100.01
```

```
LD    000.00
OUT   TR0
LD    000.01
OR    000.02
AND LD
OUT   100.00
LD TR0
AND   000.03
OUT   100.01
```

CURSO DE AUTÓMATAS PROGRAMABLES

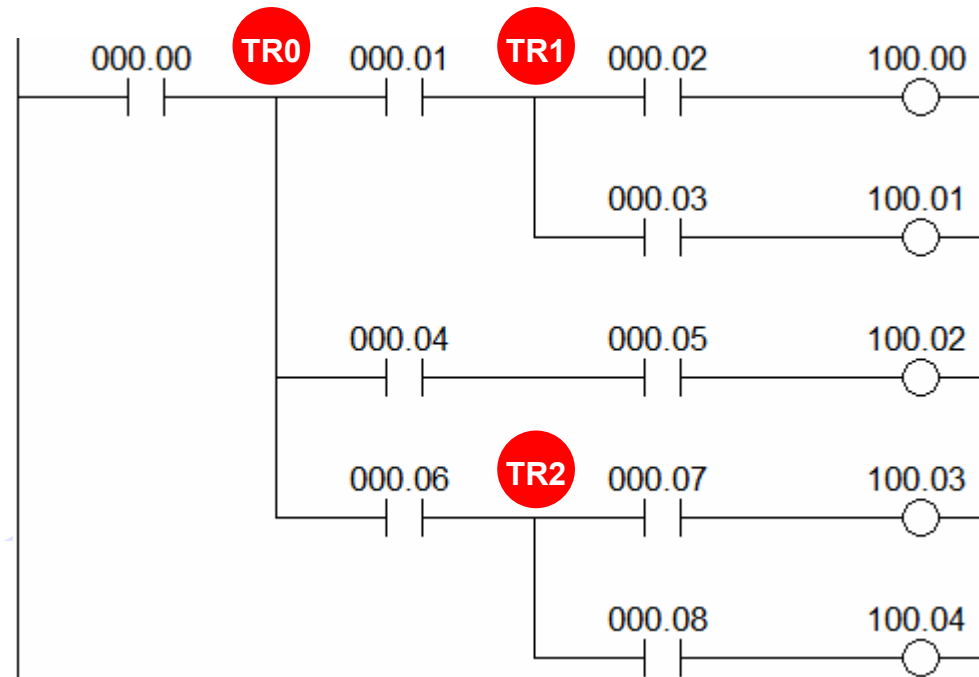
EJERCICIO 12:



LD	000.00	OUT	100.00	AND	000.04
OUT	TR0	LD	TR1	OUT	100.02
AND	000.01	AND	000.03	LD	TR0
OUT	TR1	OUT	100.01	AND	000.05
AND	000.02	LD	TR0	OUT	100.03

CURSO DE AUTÓMATAS PROGRAMABLES

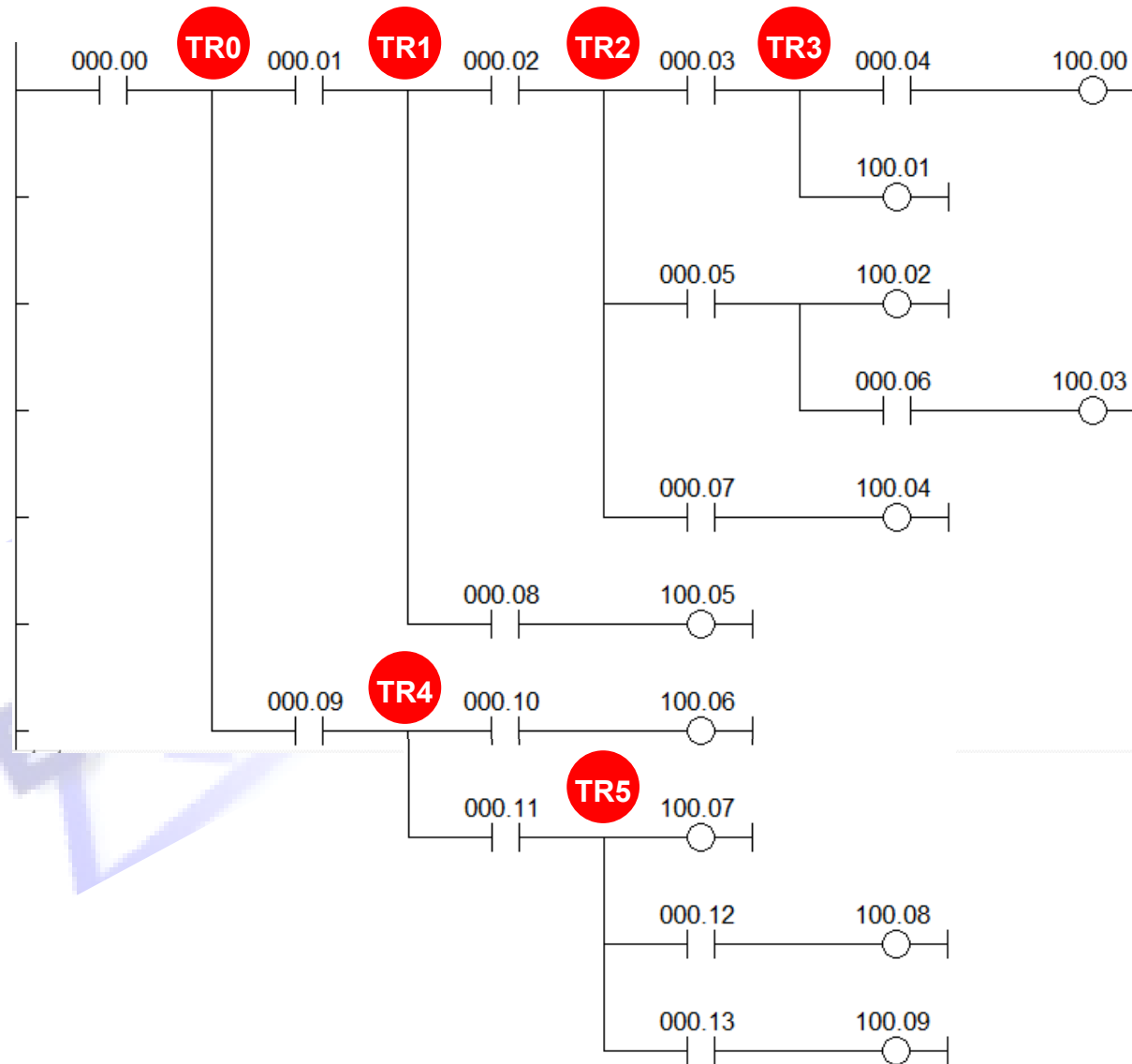
EJERCICIO 13:



LD	000.00	AND	000.03	AND	000.06
OUT	TR0	OUT	100.01	OUT	TR2
AND	000.01	LD	TR0	AND	000.07
OUT	TR1	AND	000.04	OUT	100.03
AND	000.02	AND	000.05	LD	TR2
OUT	100.00	OUT	100.02	AND	000.08
LD	TR1	LD	TR0	OUT	100.04

CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 14:



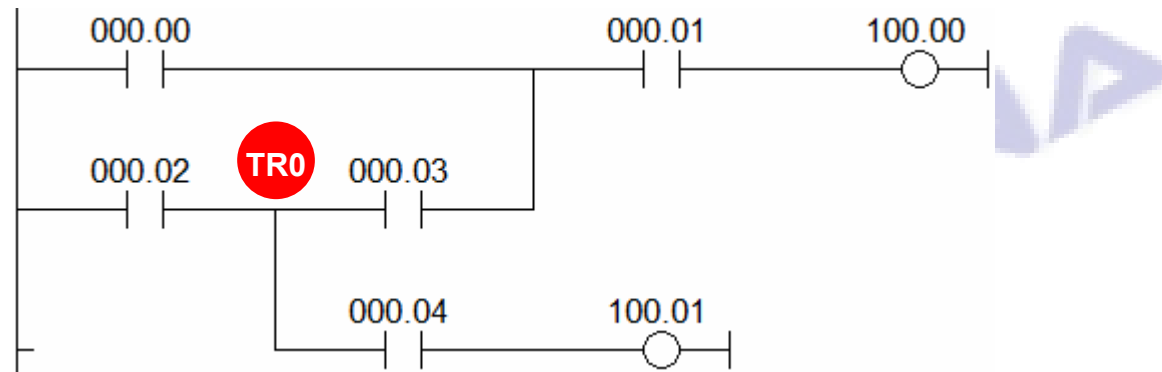
CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 14:

LD	000.00	LD	TR3	LD	TR1	OUT	TR5
OUT	TR0	OUT	100.01	AND	000.08	OUT	100.07
AND	000.01	LD	TR2	OUT	100.05	LD	TR5
OUT	TR1	AND	000.05	LD	TR0	AND	000.12
AND	000.02	OUT	100.02	AND	000.09	OUT	100.08
OUT	TR2	AND	000.06	OUT	TR4	LD	TR5
AND	000.03	OUT	100.03	AND	000.10	AND	000.13
OUT	TR3	LD	TR2	OUT	100.06	OUT	100.09
AND	000.04	AND	000.07	LD	TR4		
OUT	100.00	OUT	100.04	AND	000.11		

CURSO DE AUTÓMATAS PROGRAMABLES

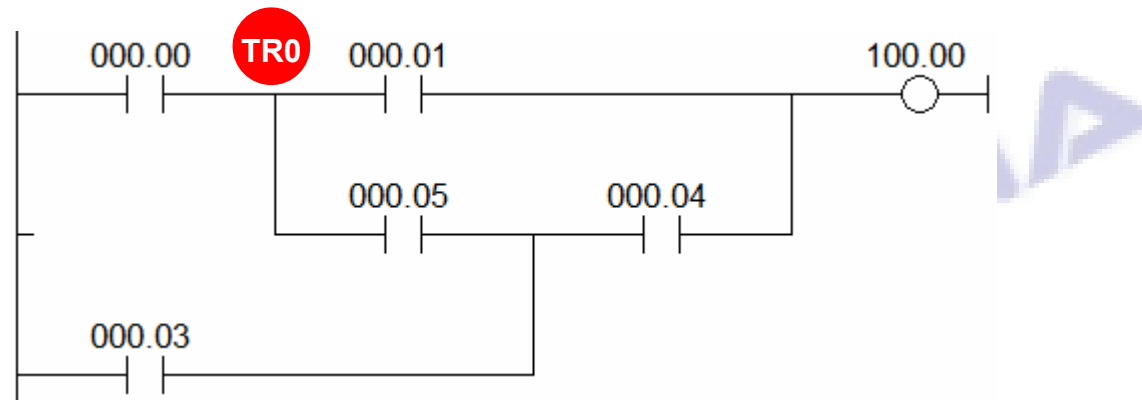
EJERCICIO 15:



LD	000.00	AND	000.01
LD	000.02	OUT	100.00
OUT	TR0	LD	TR0
AND	000.03	AND	000.04
OR LD		OUT	100.01

CURSO DE AUTÓMATAS PROGRAMABLES

EJERCICIO 16:



LD	000.00
OUT	TR0
AND	000.01
LD	TR0
AND	000.05
OR	000.03
AND	000.04
OR LD	
OUT	100.00