

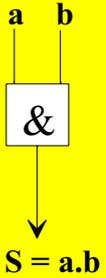
**EXEMPLE L'OPERATEUR:**

**ET**

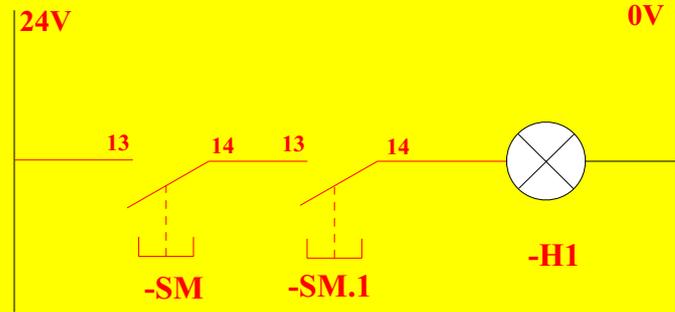
**1- Faire le tableau de fonctionnement**

**2- Faire le schéma avec le repérage**

SYMBOLE



ELECTRIQUE



Montage en **série**

TABLEAU DE FONCTIONNEMENT

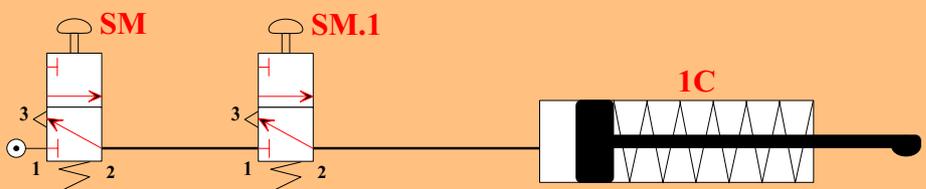
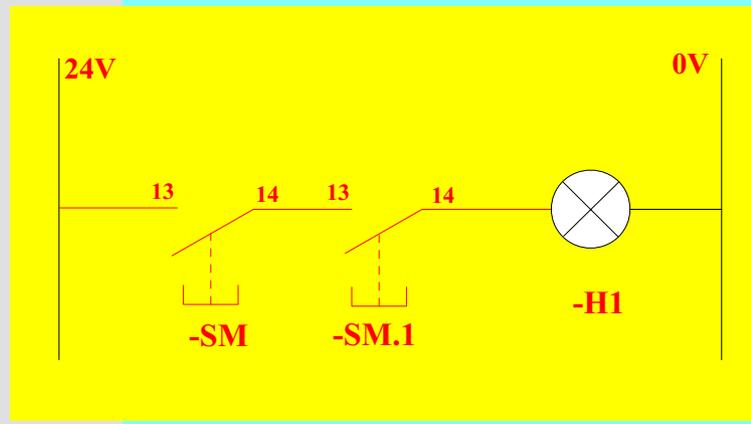
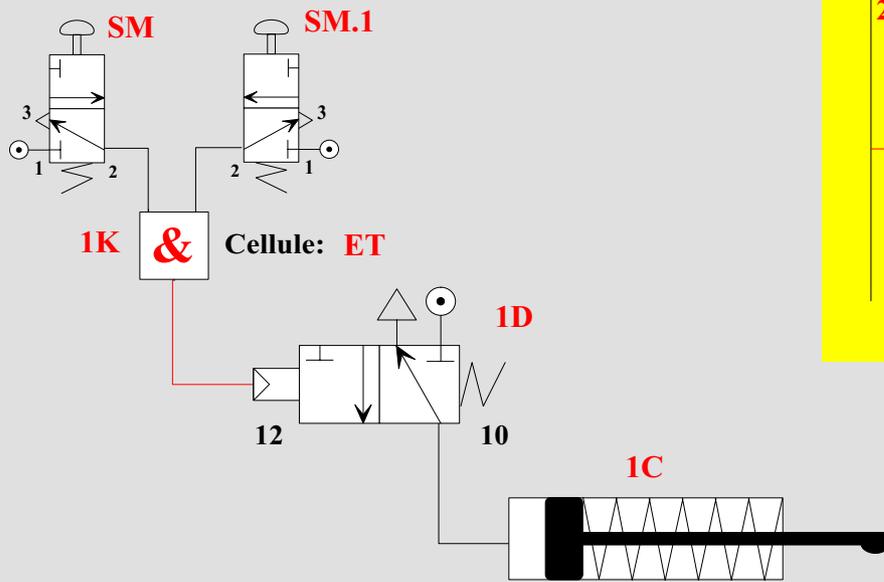
a	b	S
0	0	0
0	1	0
1	0	0
1	1	1

ab

00	01	10	11
0	0	0	1

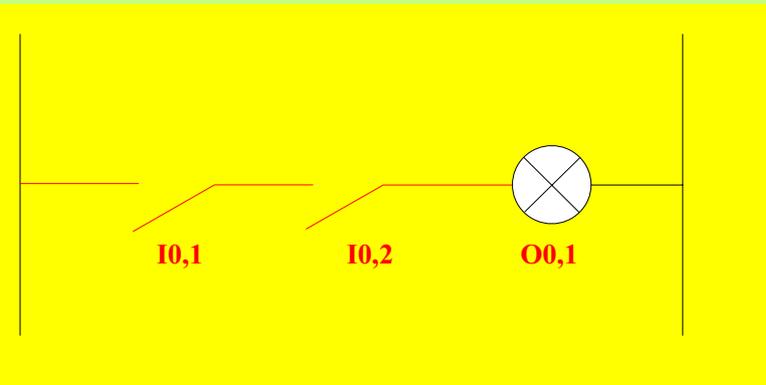
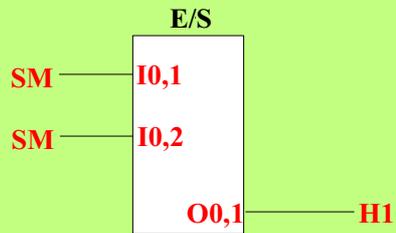
**3- Faire le schéma pneumatique correspondant**

# PNEUMATIQUE



## **4- Programmer en Ladder cet opérateur**

# AFFECTATION DES ENTREES SORTIES

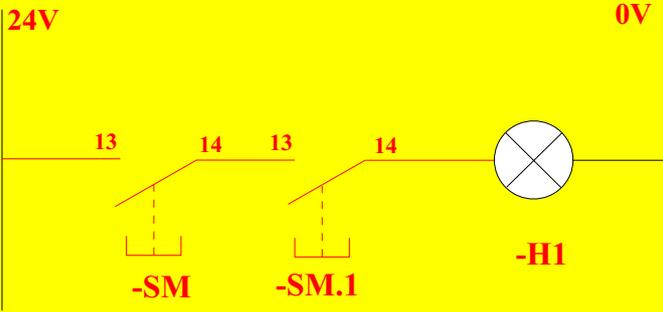


## Programmation en ladder

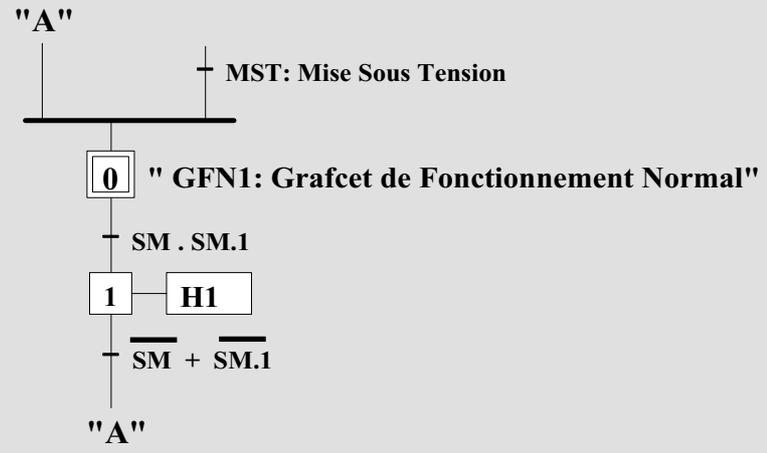
L1



**5- Faire le grafcet point de vue PC**



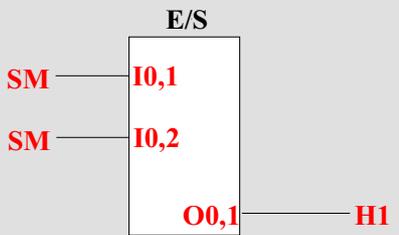
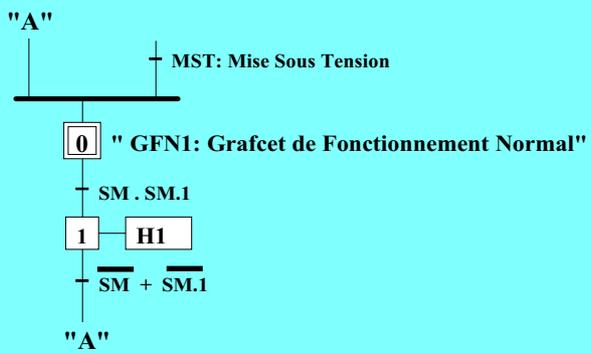
POINT DE VUE PC



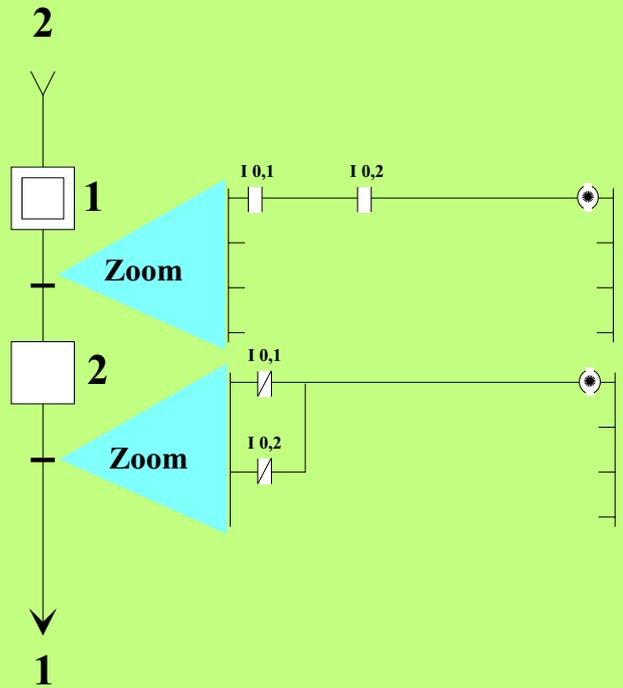
## **6- Programmation en LIG: Langage Interprété Grafcet**

- a) Grafcet point de vue TSX**
- b) Affectation entrées / sorties**
- c) Etablir le Chart, puis le POST**

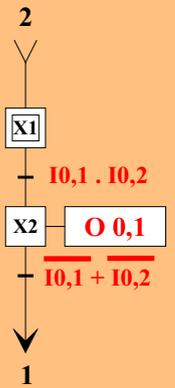
# POINT DE VUE PC



# CHART



# POINT DE VUE TSX17



# POST





**FIN**