Experment. N (2)

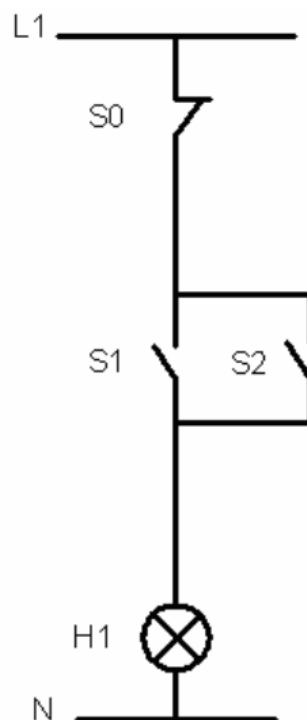**EX. Name : (Operate a set of loads from two places)**

Objective:

The student will be able to :

*Connect circuit to control Operating a set of loads from two places.

*Drawing main and power circuits.

*Convert the ladder diagram to function block diagram and running both circuit in PC and manually.
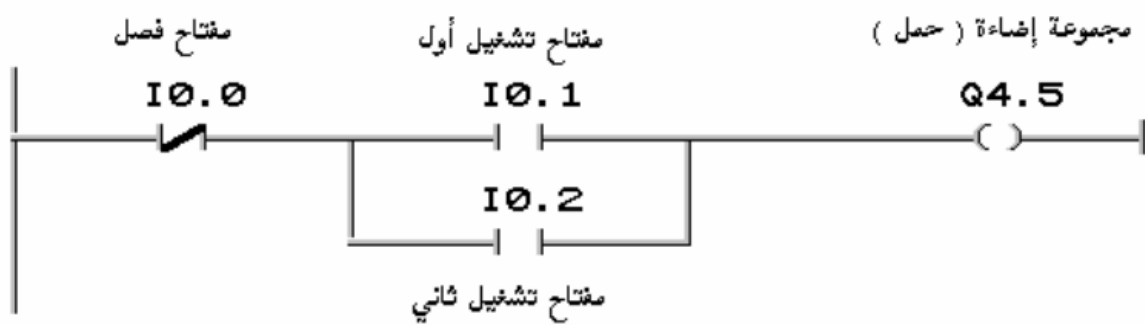
The main circuit

Addressing box

S٠	I٠,٠
S١	I٠,١
S٢	I٠,٢
H١	Q٤,٥

Ladder Diagram

مفتاح فصل	مفتاح تشغيل أول	مجموعة إضاءة (حمل)
I0.0	I0.1	Q4.5

مفتاح تشغيل ثاني — I0.2

المخطط السلمي

Discussion:

1- Draw the circle using FBD.

2- Draw the circle to operate lamb from three place using ladder diagram .