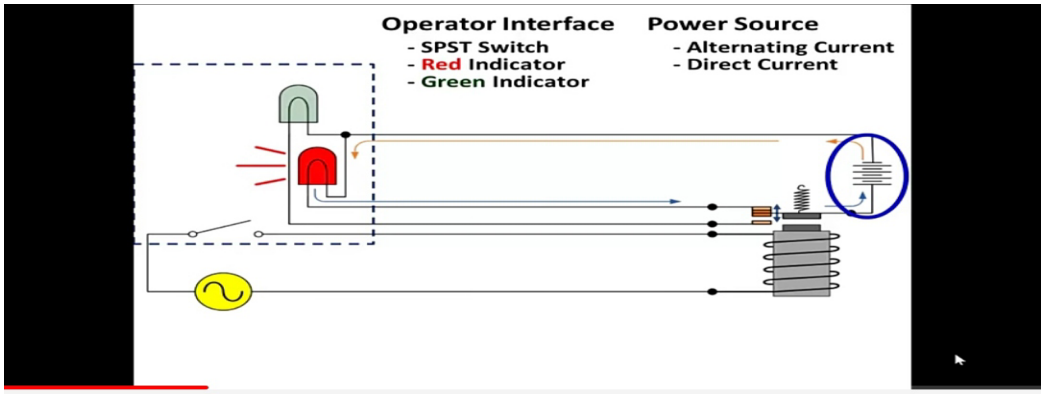
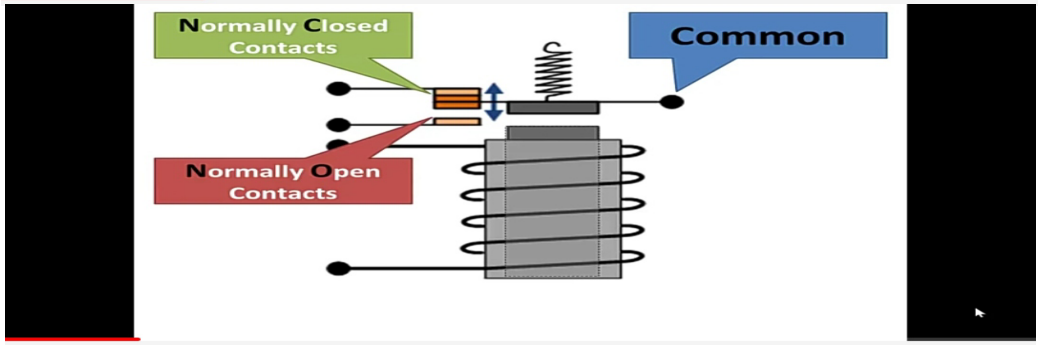
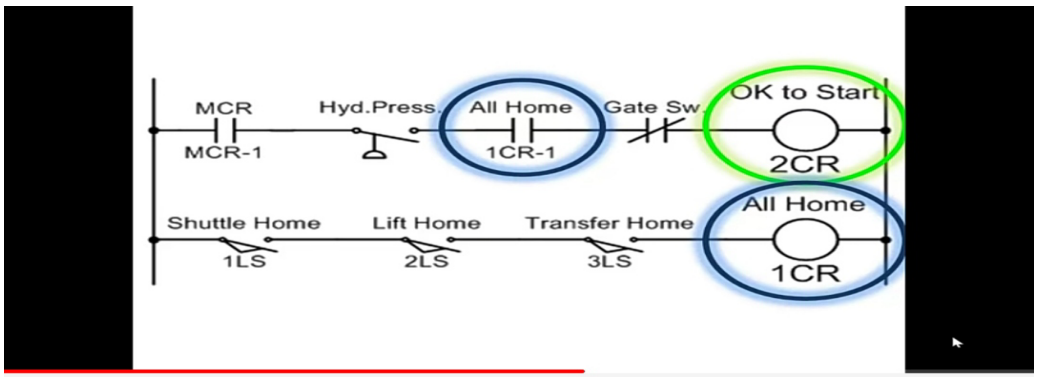
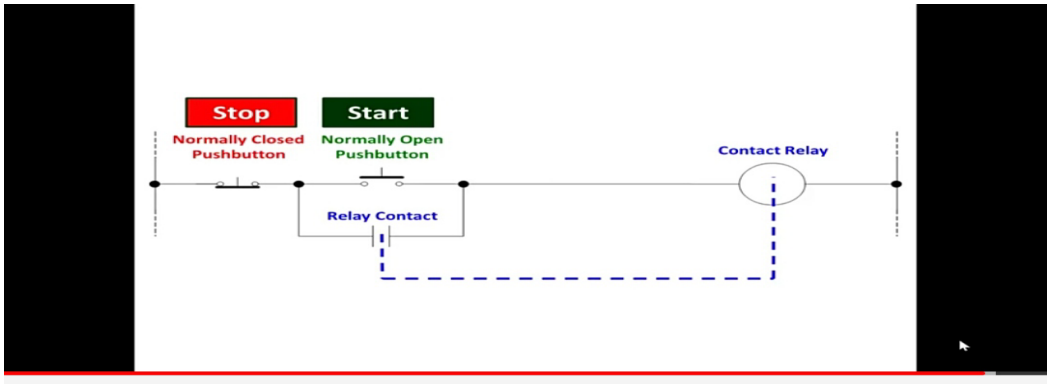
Date:	30-05-2020	Name:	Rajeshwari Gadagi
Course:	Logic design	USN:	4AL17EC076
Topic:	Allpication of programmable logic controllers	Semester and section:	6th sem and B sec



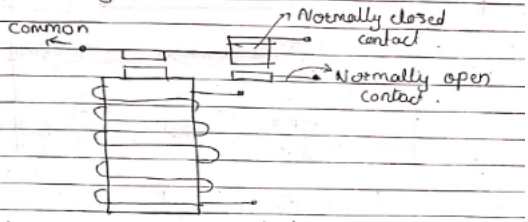






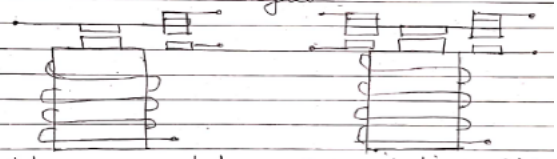
Applications of Programmable logic Controllers.

* Control Relay



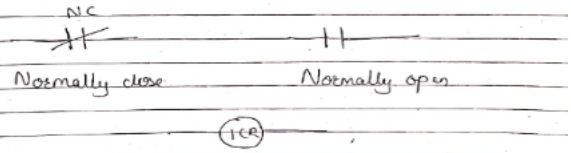
In this we can use more contact. i.e., set of coil.
In this we use only one terminal

How the contacts are designed



Rotates a common contact b/w the normally closed & normally open.

Pulls a shorting bar b/w the normally closed & the normally open contact

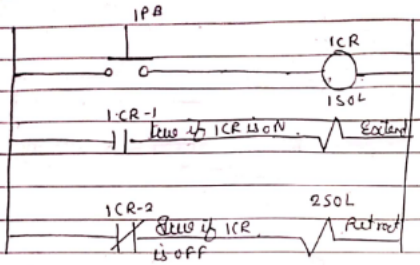


Normally close

Normally open

1CR

* Numerical simulation value:



* 2SOL is currently energized.
- Currently 1CR-2 is true & 1PB & 1CR-1 is false
- with 1PB closed 1CR & 1SOL gets energized & 1PB & 1CR-1 is ON & 1CR-2 is OFF.

Date:	30-05-2020	Name:	Rajeshwari Gadagi
Course:	Python programming	USN:	4AL17EC076
Topic:	Python for image and video processing using open cv	Semester and section:	6th sem and B sec