Ladder Program:

AND GATE:

OR GATE:



NOR GATE:



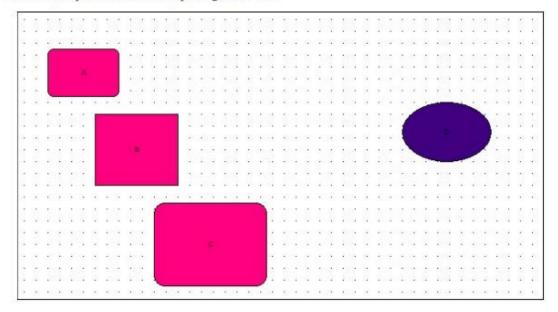
EX-OR gate:



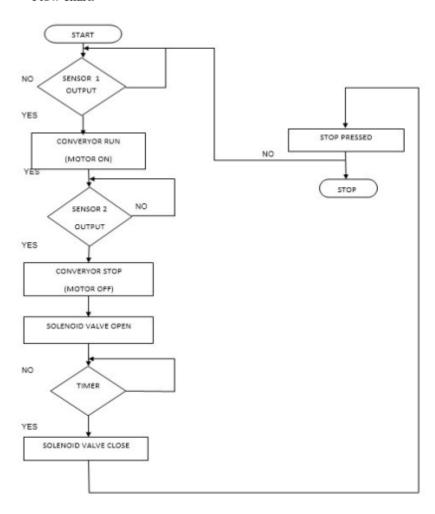
EX-NOR gate:



Visualization panel for a three input logical circuit.



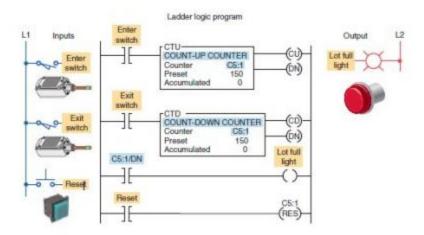
Flow chart:



Ladder Diagram

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1100
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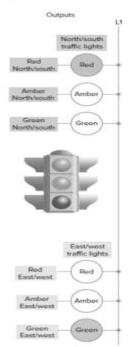
Ladder Diagram:



OUTPUT:

Red in north/south & green in east/west:





Green in north/south & red in east/west:

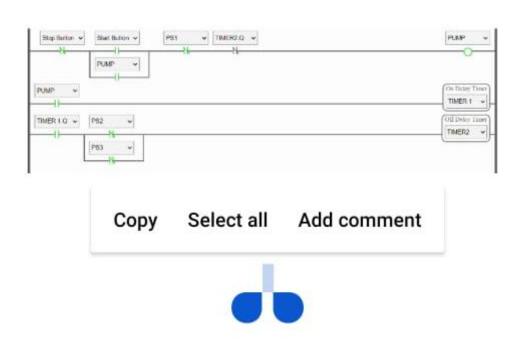


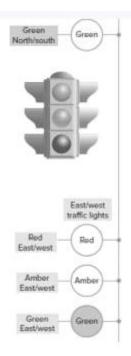
OUTPUT:

SIMULATION SETUP:



PUMP CONTROL:





Green in north/south & red in east/west:

