



UNIVERSITY OF ENGINEERING AND TECHNOLOGY LAHORE

FAISALABAD CAMPUS

Assignment Problems Of Industrial Automation

SUBMITTED BY:

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REGISTRATION No:

2019-MC-253

SUBMITTED TO: Engr Umar Virk

INSTRUCTION LIST TO LADDER LOGIC:

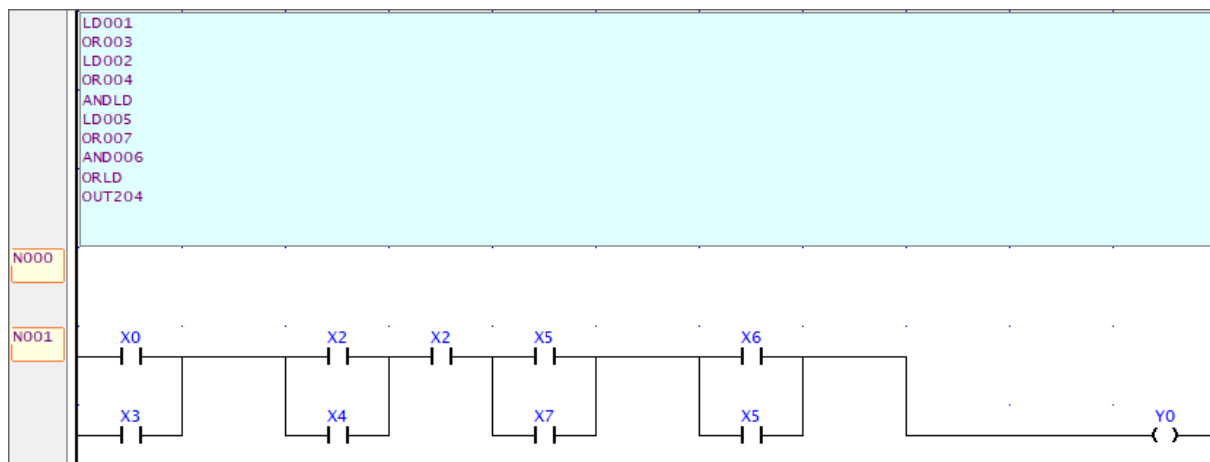


Fig1(Illustrating Program_1)

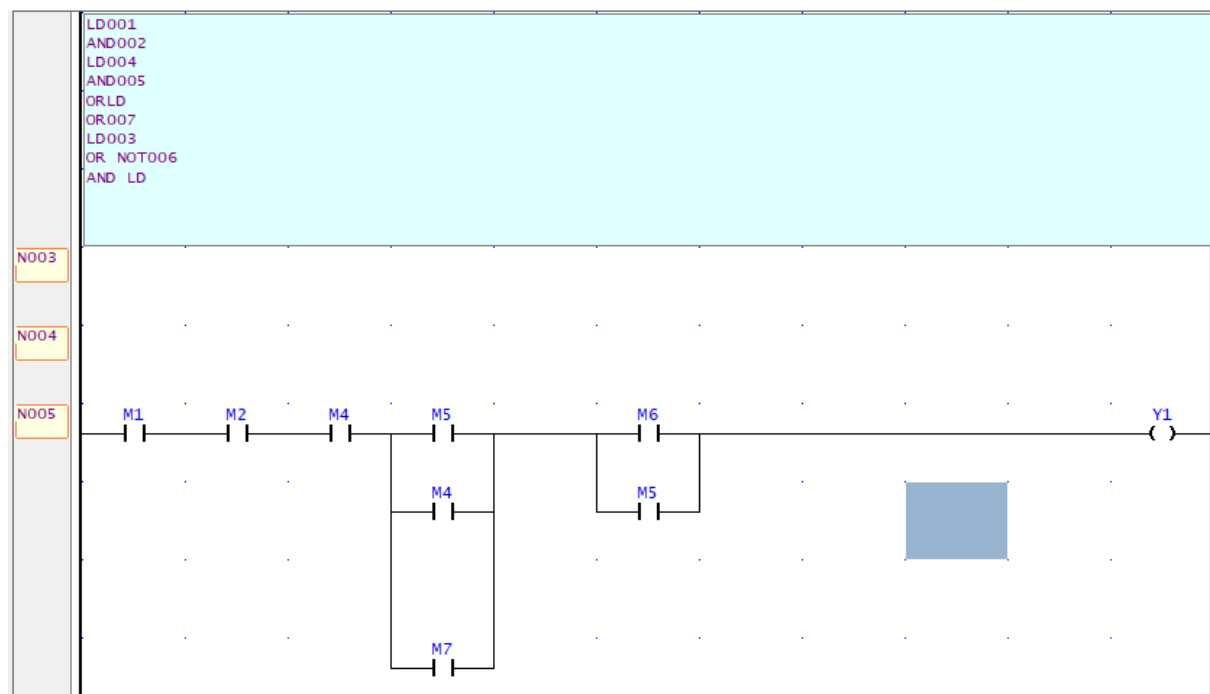
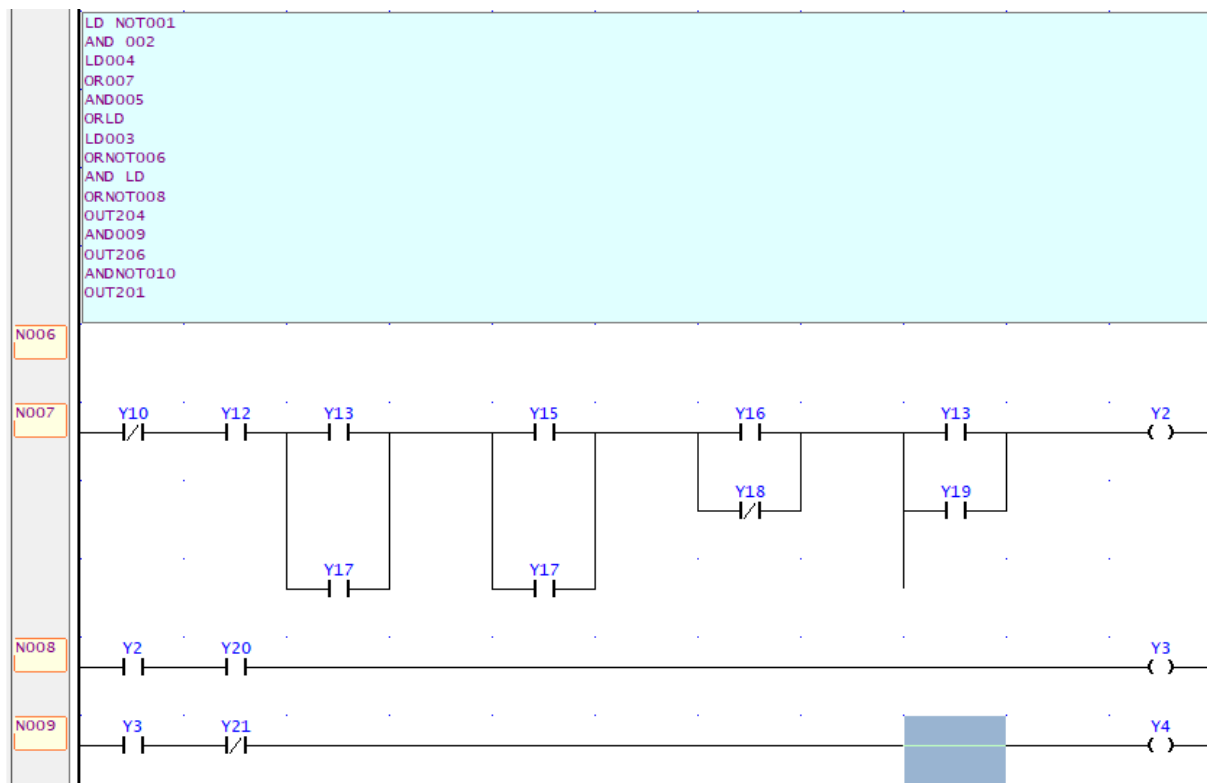
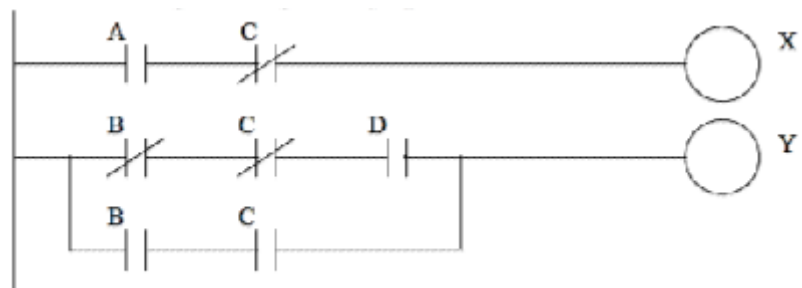


Fig2(Illustrating Program_2)



Fig_3(Illustrating Program_3)

Ladder Logic to Instruction List:



Code:

```

LD A
LD NOTC
ST X
LD NOTB
OR B
AND C
ORL D
LD NOTC
AND D
ST Y

```