

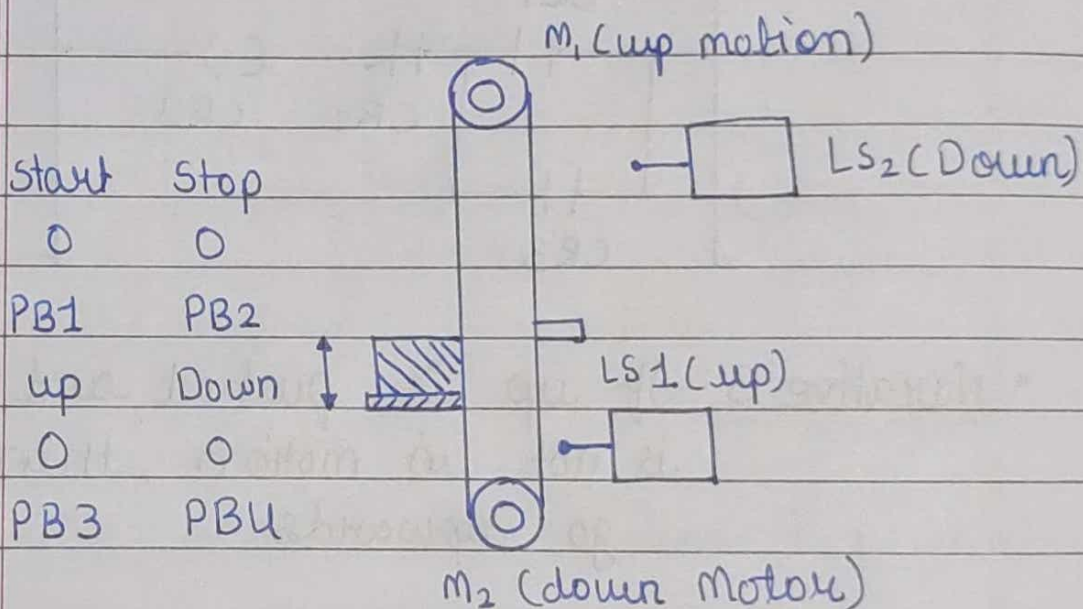
Pallavi Gaiikwad

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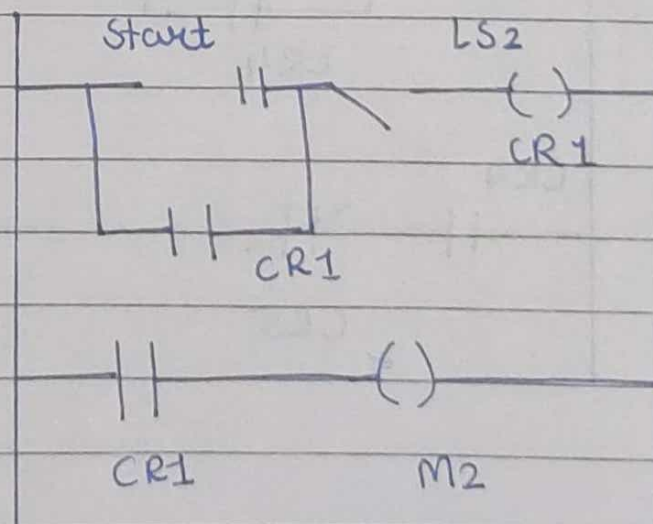
Sensors and Automation

Assignment No: 8

- Q1. The elevator shown in the figure below employs a platform to move objects up and down.

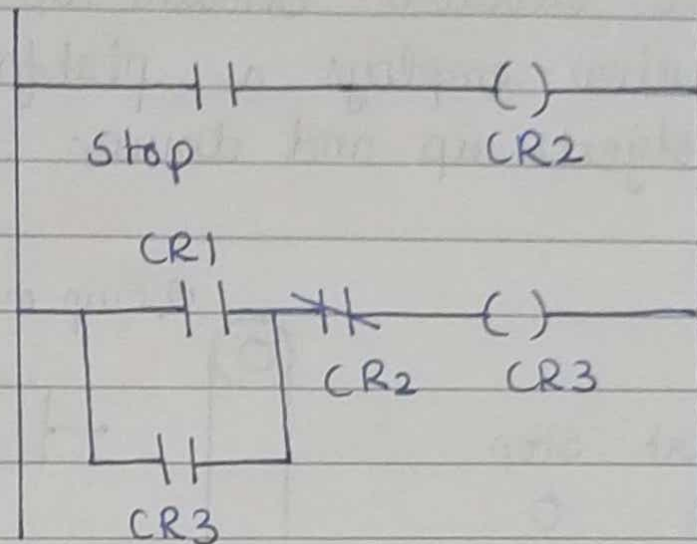


- Narrative 1: When START is pushed, M_2 could start (down motion)

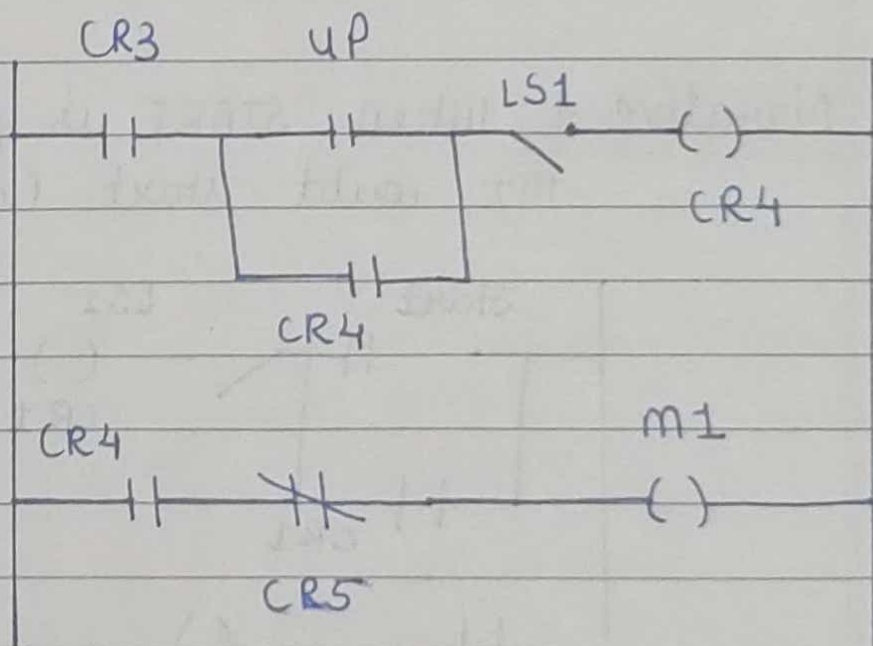


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- Narrative 2: When STOP is pushed, platform is halted at whatever position it is

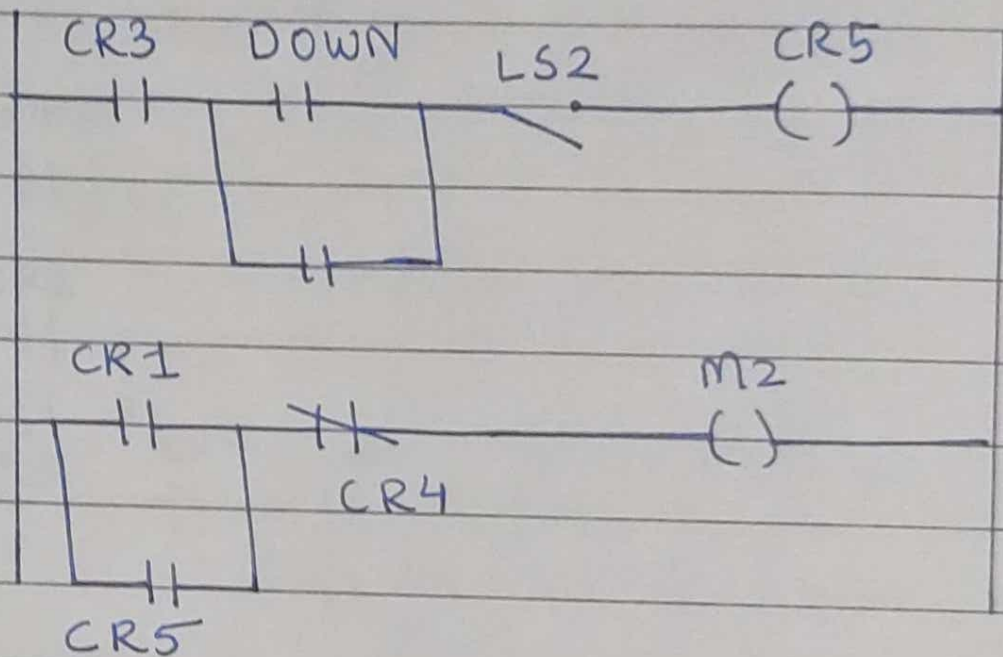


- Narrative 3: If up is pushed and object is not in motion, then go upwards.



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- Narrative 4: when DOWN is pushed, if its not in motion, go downwards.



CM₁ - should stop, ensure by CR4)

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Ladder Diagram:

