# Experiment No: 8

# Title: Development of different timer Applications.

**Date: /12/2021**

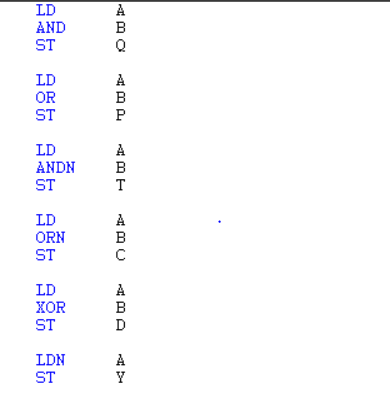
**Name: Shaunak Deshpande**

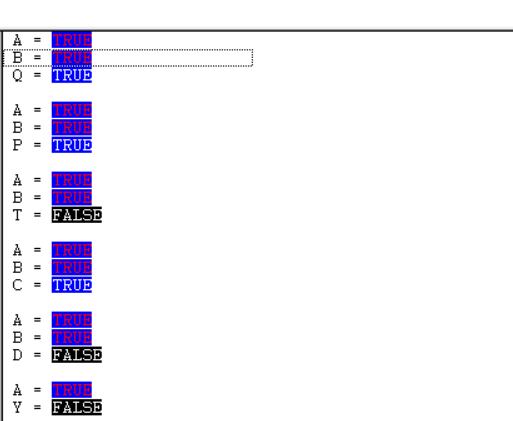
**Class: TY IC-C**

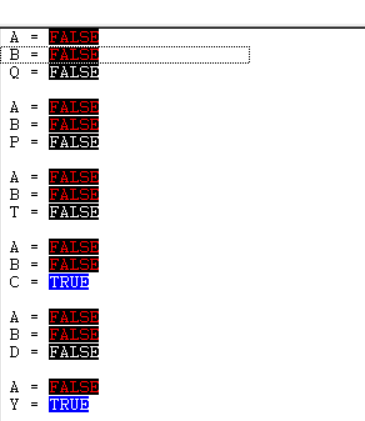
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**GR Number: 11911180**

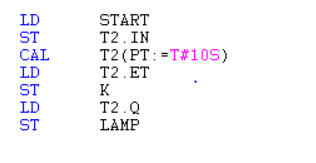
1. **Develop and simulate IL for Boolean logic gates. AND, OR, NOT, NAND, NOR, XOR.**

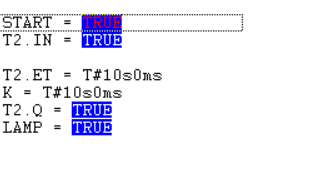




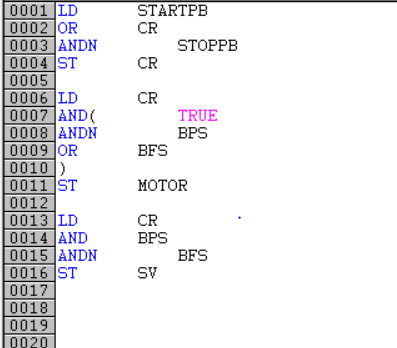


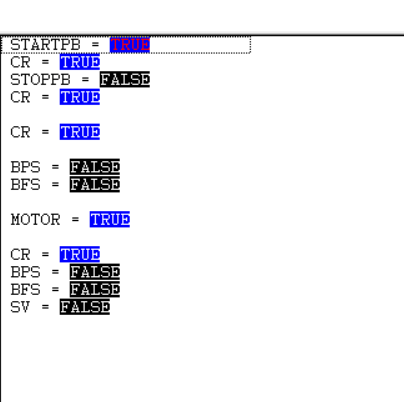
**2)When a start button is on after the delay of 10 seconds start the lamp. Implement IL for the same.**

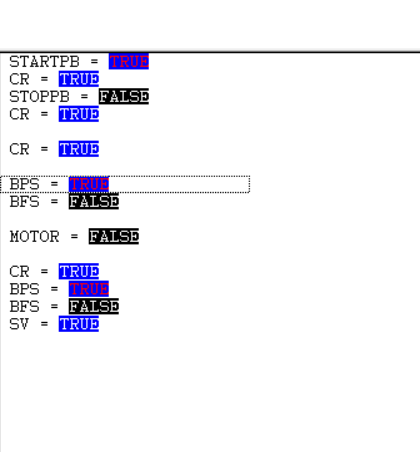


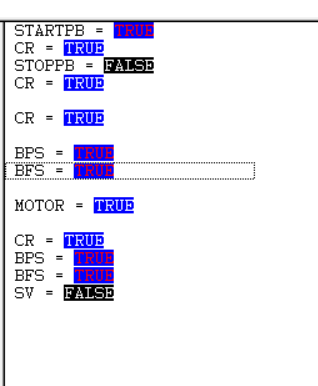


**3)Develop IL for bottle filling application.**









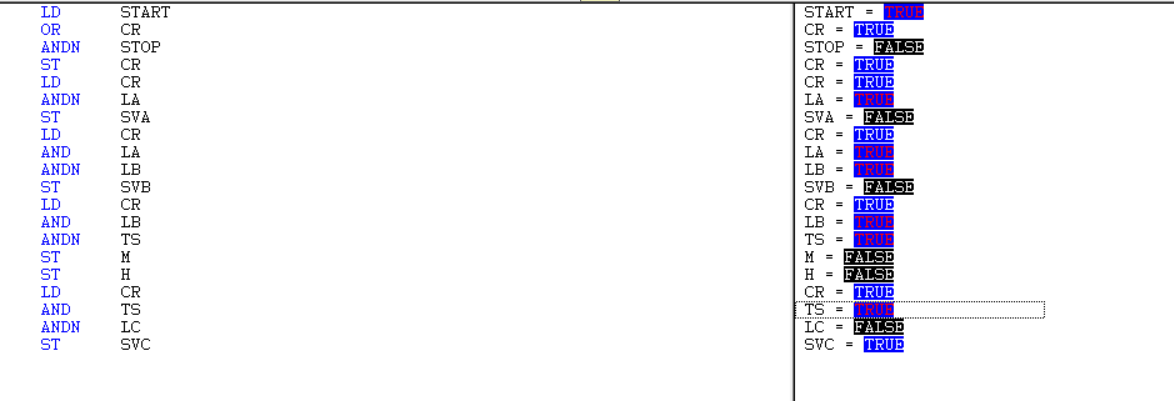
1. **Develop IL for batch reactor-**











**Conclusion-**

Applications like Boolean logic gates, TON timer, Bottle filling machine and batch reactor have been developed and simulated in IL programming.