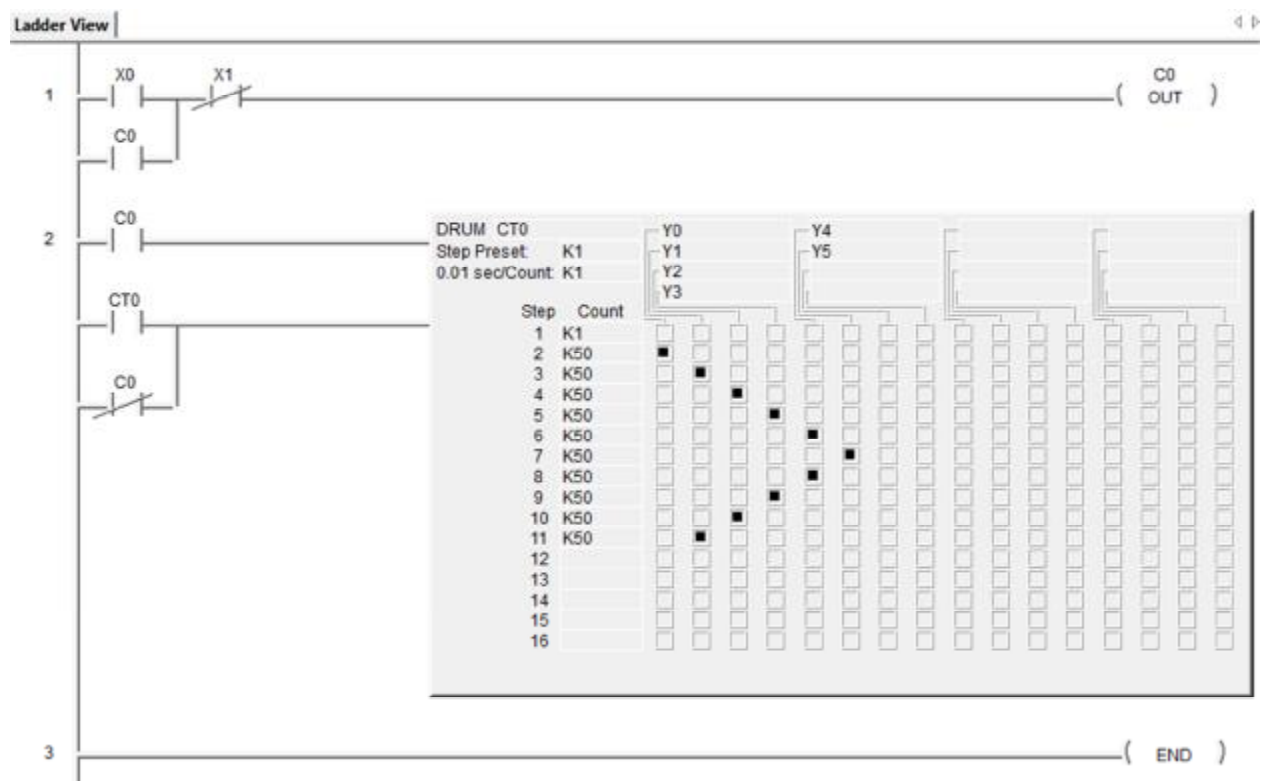Lab Exercise 06 – DRUM Sequencer

Drum instructions are best suited for repetitive processes that consist of a finite number of steps. They can do the work of many rungs of ladder logic with elegant simplicity. Therefore, drums can save a lot of programming and debugging time.

Please review the help file at: [PLC Instruction List/DirectLOGIC…/Drum Instructions]

Create the following program and download it into the PLC.

Put the PLC into the Run mode.

Turn on the Status mode and answer the following questions.

1) When you press PB0 (X0) what happens?
2) After pressing PB0 (X0) and then press PB1 (X1), what happens?