

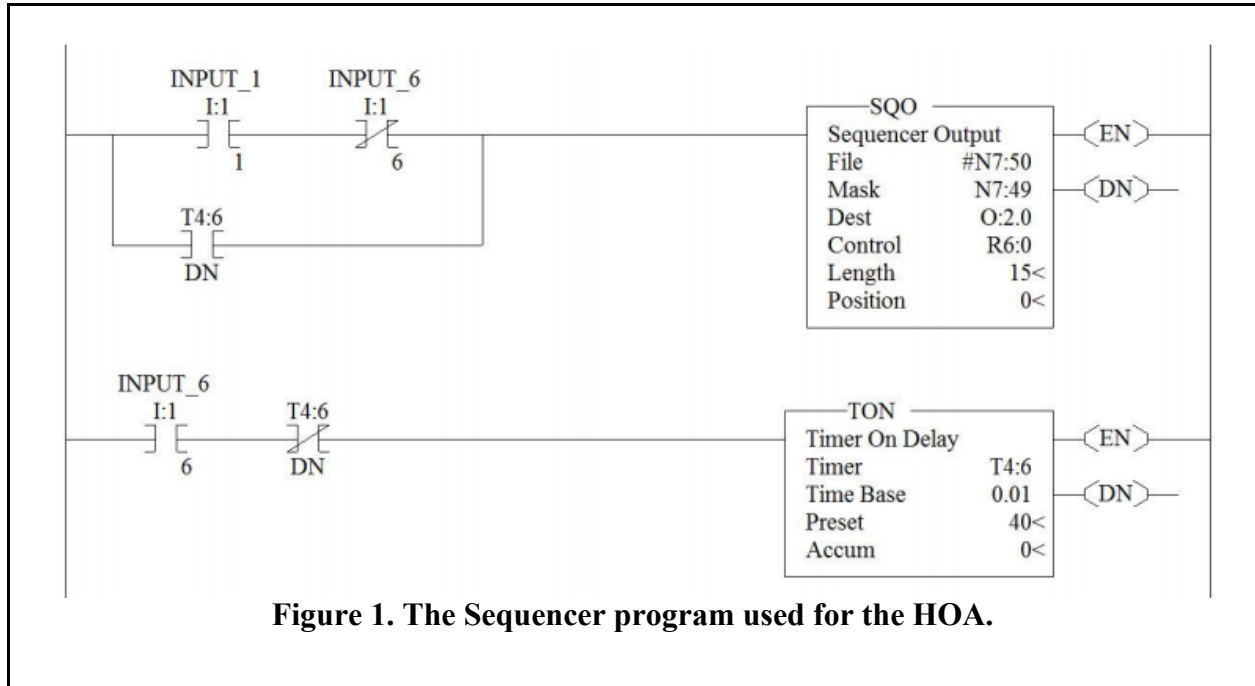
Student Name: _____ N# _____ Date: _____

This hands-on assessment requires that each student successfully demonstrates each of these tasks to the instructor's satisfaction. There is no grade for this assessment. Prior to taking this assessment, the student must pass (minimum of 80%) the Knowledge and Application Assessment. The student cannot proceed to the HOA for the next module without completing this HOA.

Check	#	Skills Task
_____	1.	Create a new project in RSLogix500, using a Sequencer Output instruction that will control the outputs on an SLC-500 hardware simulator.
_____	2.	Configure the Mask word in the Sequencer Output instruction
_____	3.	Load the file Integer file with data for the status of the output in the sequence.
_____	4.	Change the timer to give a 1.0 seconds between the sequencer steps.
_____	5.	Create a PDF report of the ladder program and the cross reference report.
_____	6.	Message the PDF file to the instructor through Sakai.
_____	7.	Explain to the instructor how the program operates.

Student Procedure:

1. Create a new project, configure I/O, create the following program.



2. Load the project into the processor, then go online.

Control bits 0-9 of the SLC-500 simulator. Mask out bits 10-15 of word O:2.0.

In the data file, have only one output on at a time. Start with step 1, having O:2/0 on, then increment through the outputs with each step.

Demonstrate how the program works for the instructor.

Make sure you understand how the program works and how to access the data.

3. Have the instructor come over and answer their questions on the project.

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