

PLC126 LAB 2.3: BASIC INSTRUCTIONS

Student Name: _____

Student ID: _____

LAB OUTCOMES:

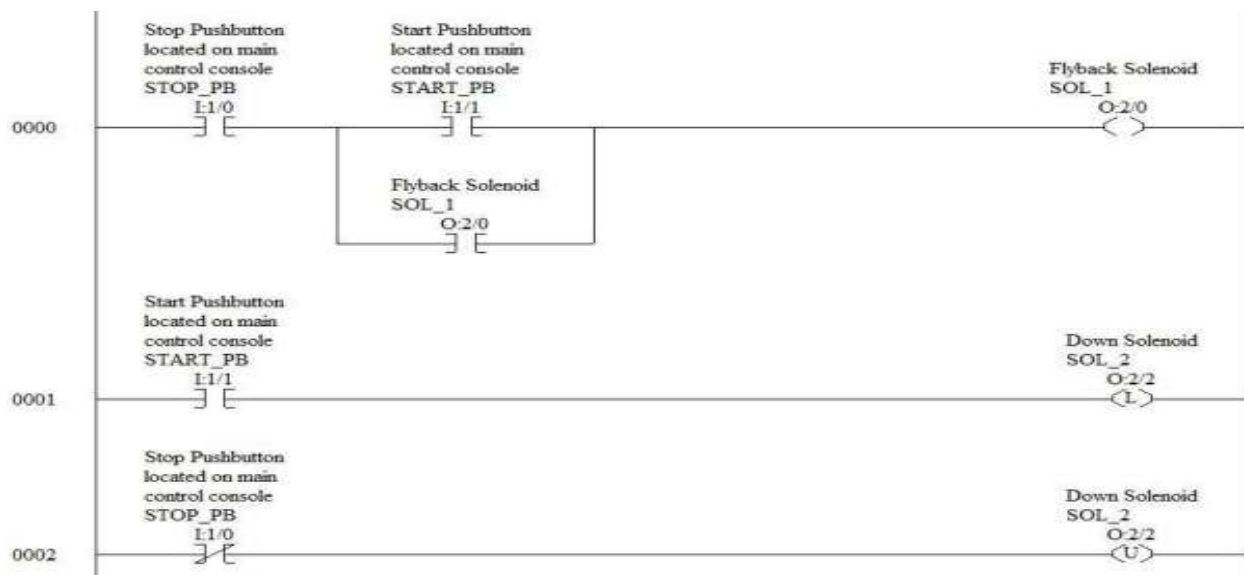
1. Explain the operation of a regular coil
2. Explain the operation of a Latching coil
3. Explain the operation of an Unlatching coil
4. Demonstrate how to turn the address description and symbols on and off
5. Demonstrate how to monitor the image tables using RSLogix500

LAB PROCESS:

Write the program as shown in part 1 and then save it to the hard drive of the computer. You will then download the program to the SLC-500 processor. Once that it is complete you will go online with the SLC-500 and place the processor in RUN mode.

Part 1

1. Key in the following program and save it to the hard drive. Name the project "Lab_23".



2. Add the Symbols and Address Descriptions to the project
3. Configure the I/O
4. Download the project to an SLC-500 processor.
5. Put the processor in Remote Run Mode.
6. Explain the operation of the program to the instructor.
7. Toggle the Symbols and Address Descriptions on and off.
8. Upload the project from the processor to the hard drive of the program panel.

Questions

1. What is the Symbol for address O:2/0?
2. What is the Address description for address O:2/0?
3. What data file is the input image table stored in?
4. What data file is the output image table stored in?

The outcomes of this exercise (listed on page 1) specifies the skills that the Student must demonstrate to the Instructor. Once the Instructor is satisfied with the demonstration of Knowledge & Skills by the individual student, they will sign this document (for the student), then enter a 100% into the Hands-On Lab grade in Sakai.

I verify that this student has completed all of the requirements of this Hands-On Assessment:

Student Name: _____

Faculty Signature: _____ Date: _____

DOL DISCLAIMER:

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