

Lab 05 AY23

Follow the setup instructions in this document to install the software and hopefully write your first PLC program.

<https://docs.google.com/document/d/1Hw18j14409wU1TW9LMcUeaOcrAkFZvyGrgEO7w7DdT0/edit?usp=sharing>

* Indicates required question

1. Email *

2. Were you able to create an RA account? *

5 points

Mark only one oval.

☐ Yes

☐ No

3. Were you able to download the Connected Components Workbench v13 Standard Edition?

* 5 points

Mark only one oval.

☐ Yes

☐ No

4. Were you able to install and run the Connected Components Workbench v13 Standard Edition? * 5 points

Mark only one oval.

☐ Yes

☐ No

5. Were you able to create a new project and target the Micro820 Controller? * 5 points

Mark only one oval.

☐ Yes

☐ No

6. Were you able to create label the Digital Input and Output variables to match the Trainer? * 5 points



Mark only one oval.

☐ Yes

☐ No

7. Were you able to write the first program using Set and Reset coils? *

5 points

Mark only one oval.

☐ Yes

☐ No

8. Were you able to download and run the first program on the PLC? *

10 points

Mark only one oval.

☐ Yes

☐ No

9. Write and run the second program using [logic latches](#) instead of the set/reset coils?

* 5 points

Mark only one oval.

☐ Yes

☐ No

10. Finally summarize what you learned about how PLCs work. What makes them unique to program in? Do [their history](#) play some part? * 5 points

11. <OPTIONAL> Please use this space to give some (potentially more) feedback about what worked and didn't with this lab.

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