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EET 240

1. Explain the process in your own words on dissembling an assembly language command. Use a command to assist in illustrating the process.
   1. You have a format for the command you are using certain values that for that specific command always stay the same. Then there are place holder values for the information that can change with that command such as a value or address that fill in those placeholders.
2. Explain the terminology “Little Endian”.
   1. Little Endian is just referring to which end of the byte comes first when processing the information, the little end or the big end.
3. Explain why the LDI r16, $FF is the same as SER r16 in dissembled hex values.
   1. SER sets the value of the register in the command to $FF and LDI loads a specified value into the register in the command so if you LDI $FF into r16 it is the same as doing SER r16.
4. Did you find any unexpected results and what questions do you have after completing this activity?
   1. I had several instances when I got a value backwards or possible one off of what it was supposed to be, but nothing shocking to the extent of not being able to see where I went wrong.