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Syllabus How to Use Jade

Help

This area allows you to write your own programs and test them with your LC-3 Lite.

Since this is a sandbox and is not graded, you are free to use the test tab to add .plot signals and to see what's going on in your circuit.

Remember to read How to Use Jade in order to write your own tests. Of course, you can use the test from previous labs as a starting point.

To edit your own test file, we will have to copy your lc3top contents into the new module lc3toptest.

Load your modules, then select the Ic3top module from the dropdown box. Select the entire circuit by clicking and dragging over the whole thing. Copy it.

Select the lc3toptest module from the dropdown box. Paste your circuit there. Now you will be able to edit the test.

LC-3 ASSEMBLER

Remember, the assembler automatically generates the code as you type (it refreshes every 3/4s of a second). The Check button will not respond. It should give errors (red 'X' next to the line number) when it runs into a problem. If new machine code on the right side does not appear, there's usually a problem with your input on the left side. Use CTRL-A (Apple-A) and CTRL-C (Apple-C) to quickly capture the data in the machine code section.

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LC-3 Assembler

- ORIG 0x3000 HALT .DATA 0x4000 .END

- @0b110000000000000 1

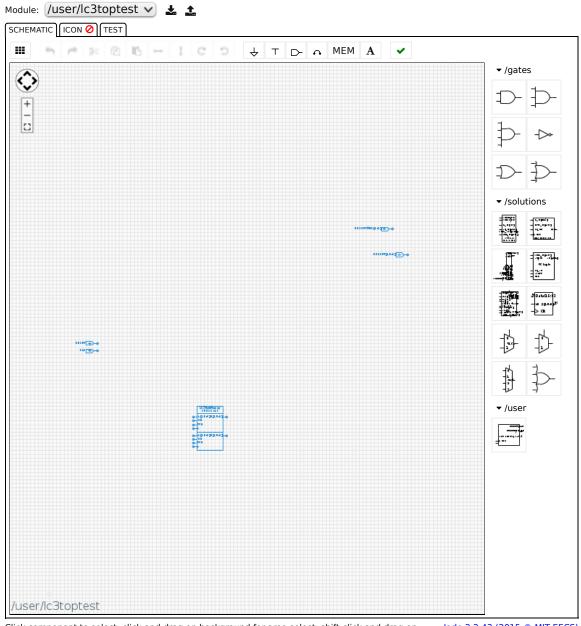
Help

Check button now submits your assembly to edX!

Check

TESTING YOUR LC-3 LITE (UNGRADED)

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Click component to select, click and drag on background for area select, shift-click and drag on background to $\operatorname{\mathsf{pan}}$

Jade 2.2.43 (2015 © MIT EECS)

Check

Help

Since this is an optional sandbox, feel free to share test code in this discussion section.

Show Discussion

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