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General Questions

What is your level of knowledge of how a CPU functions?

1 2 (3) 4 5
None Slight Some A lot Full

Please briefly describe how an equation (for example, "add") is completed by the CPU:

registers are added and placed in a 3rd register

What is your level of knowledge of register machine simulators?

(1) 2 (3) 4 5
None Slight Some A lot Full

Have you used a register machine simulator?

(Yes) No

If yes, please state the name, and any good/bad points about the simulator:

Sigma 16 - basic - good place to start learning
Motorola 6811 -

Please briefly describe what a register machine simulator is:

Virtual CPU

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Application Specific

Do you think this application conveys the message of a register machine?

Yes
the boxes provide a good representation of the registers

Do you think the steps required to build a program are clear?

Yes.
the Run button is very clear. Once the white box was explained, that was clear as well.

Would you feel confident enough to try and build an "add" program?

Yes

What do you like about this application?

the ~~set~~ different colored boxes
simple looking - not cluttered

What do you not like about this application?

too much emphasis on the arrows

What extra functionality should be incorporated into this application?

chevrons in place of the solid black line

kn

What changes would you make to the current functionality?

None

What changes would you make to the current design?

keep colors

change arrows - maybe make the tip the color of the step its going to indicate which register it is pointing to

Do you feel your knowledge of a register machine has increased?

Yes. Seeing the program in a visual representation helped

Do you think this is an appropriate level for naïve users, and do you think it will increase their knowledge? Yes to both

It appears to be a simple straightforward app for beginners which is what they need so they don't get overwhelmed. Really like the registers represented by different colors

What would you call this application?

TBC