

## General Questions

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

1      2      ③      4      5

None   Slight   Some   A lot   Full

2. Please try explain how an equation (for example, "ADD") is completed by the CPU:

2. The two numbers to be added are ~~added~~  
are placed in register locations.  
The ADD function is carried out and  
the result is stored in a third register  
location

3. What is your level of knowledge of register machine simulators?

1      2      ③      4      5

None   Slight   Some   A lot   Full

4. Have you used a register machine simulator?

Yes

No

4a. If yes, please state the name, and any good/bad points about the simulator:

Sigma 16 - Lack of tutorials  
Motorola TH6811 - Quite complex, large  
number of possible instructions

4b. If yes, please briefly describe what a register machine simulator is:

~~It is a simulation of a cpu run on~~  
It is a virtual machine ~~run on~~ that  
simulates the functions of the actual CPU

001

5. What did the program Reggie showed you do?

originally - decrements the 5 to zero then ends

6. Was the tutorial clear, concise, informative? Did it help you use the application?

Yes it was clear on most points but was a bit confused on how decrement and branching

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

The steps are clear on how to build a program but would benefit from additional visual cues when errors are made.

8. Please draw an ADD program (you do not need to use colours).



9. Please briefly explain what a register machine is, and how it relates to a CPU.

A Register machine allows the cpu to carry operations on stored data.



10. What do you like about this application?

I like the simplicity of the interface. The app would be a useful guide for introducing people to how a register machine operates

11. What do you not like about this application?

Nothing apart from a few errors.

12. What extra functionality should be incorporated into this application?

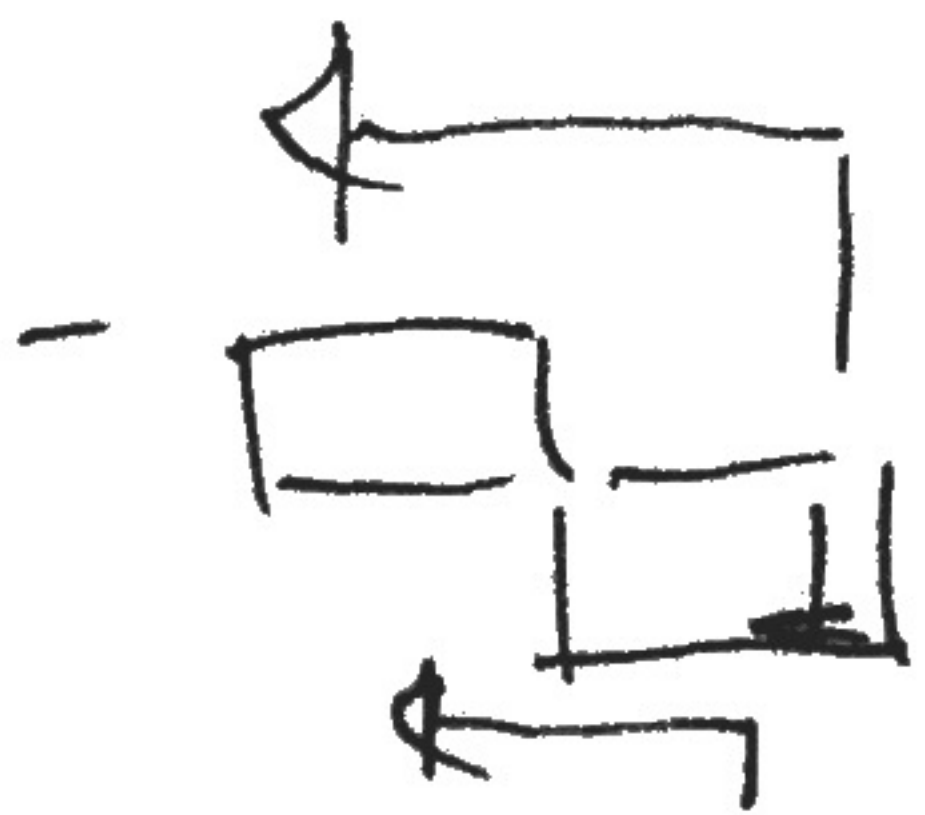
Additional guidance ~~on~~ when errors are made.

13. What changes would you make to the current design?


There Nothing distracting, ~~the~~ everything is clearly represented.

14. Any additional information, concerns, comments you would like to add?

- Text for arrows was not needed.



didn't go to "end" when zero.

-  - Showed error 'no loop/end' - arrow

unresponsive

- unclear about DEB/branch.



didn't work  
file exp/imp