

# 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:

*incrementing and decrementing values in registers  
while jumping back and forth*

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:

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

5. What did the program Reggie showed you do?

/

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

yes!

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

they are clear but user has to pay attention; it is not something to learn as you go; tutorial is important

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

N/A

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

register machine stores values in registers  
and increments/decrements values in those  
registers to change values in other registers  
↳ process something  
a CPU does that too



10. What do you like about this application?

I like Reggie and his awesome facial expressions; he has glasses!

It explains a register machine in a playful way, challenging the user  
↳ good in more effective learning!

11. What do you not like about this application?

I don't like brown → colour scheme...?

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

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

less fiddly

bigger registers to tap on  
↳ little boxes

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

- Glance of reg's - not clear there is 10