

032

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:

1. take the 1st binary number, then 2nd, and put them together? Using an adder in the CPU.

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. I have no idea, it was just a thing we used for the assessment.

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

It calculates things, performs simple functions and can loop.

5. What did the program Reggie showed you do?

Start, then stop. - knew decrement. - knew it would loop but thought I would stop it.

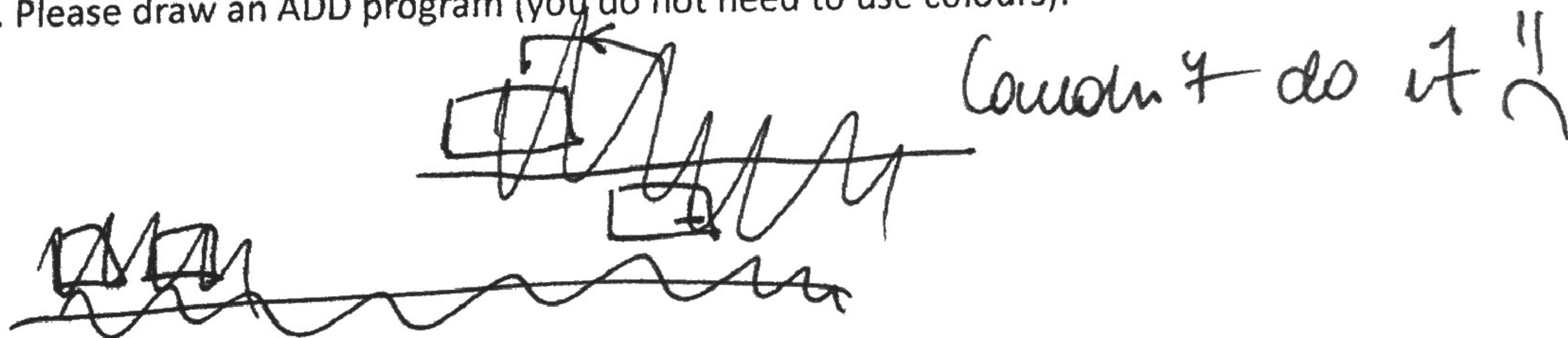
6. Was the tutorial clear, concise, informative? Did it help you use the application?

Yes, it was. It was still necessary to play about with the app though. I would only make it clearer in the "branching" bit.

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

I think so. Incrementing & decrementing is clear enough, I was still confused about branching.

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.

It takes simple instructions and performs them. So I guess it tells the CPU what to do?

10. What do you like about this application?

Colours! The little Reggie. The fact that you can learn a lot from this, using it over time might improve your logic, I think.

11. What do you not like about this application?

Branching!

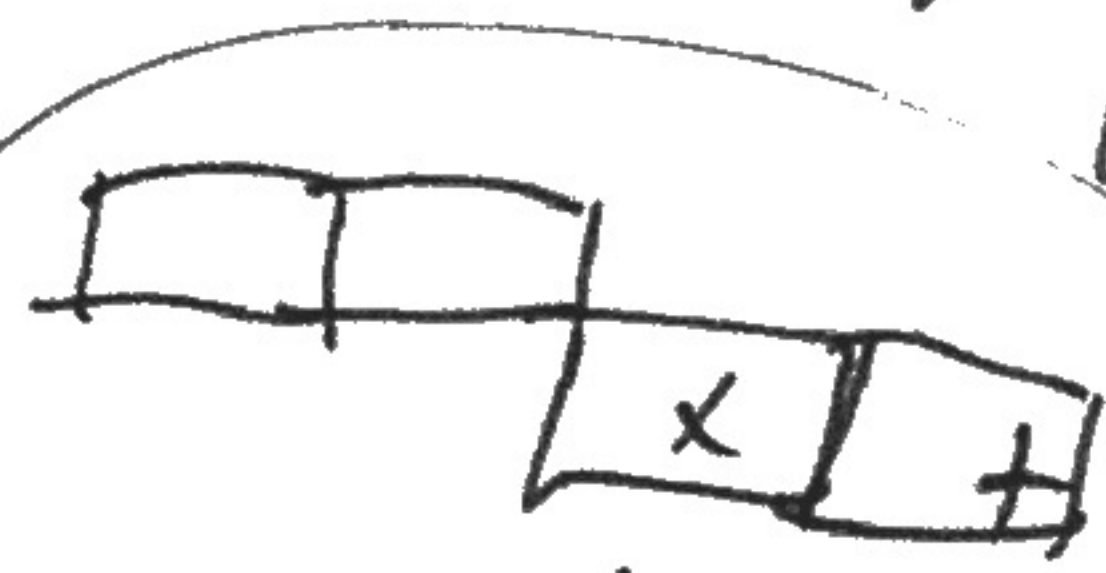
⚡ You could put the numbers into the boxes too!

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

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

- change arrow to come straight out of box.



but the branch despite x having data



or add circle?

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

- dragging END - make it disappear then know
- The fact you should tap in circle not clear
- click the "empty" box - not click the box.
- plus in the box picture
- dragging backwards does not work
- drag arrow to box not clear
- TAP to change neg more clear

move arrow tail + add box - arrow becomes not linked to