

5a

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:

Put each value in register, put 'add' command in register, specify where to put result

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, Easy to follow without much experience

Please briefly describe what a register machine simulator is:

A ~~basic~~ simplified simulation of how a real CPU works.

Application Specific

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

Yes, the basic steps make sense

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

So long as it is easy to access help menus etc as without extra help it would be tricky for first time users

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

Yes, the 'tutorial' information was clear

What do you like about this application?

The main simple layout is good, nice & colourful.

What do you not like about this application?

Clearer distinction between arrows

What extra functionality should be incorporated into this application?

gaming aspect?

character to help you through the tutorial/
help section

Sa.

What changes would you make to the current functionality?

Nothing!

What changes would you make to the current design?

Clearly make distinction between arrows & what they do

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

No

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

Yes, so long as the tutorial is as clear as your explanation, otherwise it might be difficult

What would you call this application?

Simple .. something

I like 'Reg'!

