1. It only takes a single clock cycle to access a register
2. 2^{16}
3. word addressable
4. program counter, control codes
5. Which instruction set to follow
6. Destination register, where to put the value the instruction creates/gets
7. Source register, which register to get a value from
8. 0001, 0101, 1001
9. Every time a register is written the sign of the value written to the control codes
10. immediate value, take this arbitrary value and ADD/AND It to a register's value
11. 0001 111 011 0 00 100
12. 0001 011 011 1 00001
13. 0101 101 101 1 00000
14. 1001 010 010 11111, 0001 110 010 1 00001
15. 0010 100 111111111
16. 1010 110 000000100
17. 0110 010 011 000011
18. 1110 111 111111010
19. 0011 010 111111111
20. 1011 110 000000100
21. 0111 010 011 000011