CS1301 Study guide for exam 2

I recommend you go through the slides at least once. Below are a few recommendations about the things you should understand and know for this test:

1. Know what a boolean value is and its memory requirements
2. Know what a relational operator is
3. Understand if statements and be able to write one
4. Be able to point out logic errors in code
5. Know the difference beween = and ==
6. Know truth tables for ! (not), && (and), || (or)
7. Understand switch statements
8. Know what the conditional operator is and how to use it
9. Understand operator precedence and associativity
10. Know what the math library is
11. Name at least 3 functions from the math library
12. Know what abs, floor, ceil and round do
13. Know how typecasting works
14. Know what ASCII and Unicode are
15. Know what escape sequences are and remember \n and \t
16. Know what a character type is
17. Know what a String type is
18. Understand the String .charAt method
19. Know what parsing means
20. Know what string formatting specifiers are, e.g.: what %.2f does in printf(“%.2f”, float\_nr)
21. Understand while loops
22. Understand for loops
23. Be able to trace throuh the execution of a loop
24. Know what a sentinel value is