CS1301 Study guide for exam 3

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 how to write a nested for loop to compute multiplication table
2. Know Java syntax to define a method
3. Know the difference between parameters and arguments
4. Be able to list some benefits of using methods
5. Know how to invoke/call a method
6. Know what a return value is and the return statement
7. Know what the void return type is
8. Understand the call stack
9. Know what passing parameters by value means
10. Know what method overloading, and be able to show an example
11. Understand variable scope
12. Be able to define what an array is
13. Be able to write syntax to declare and creatre arrays
14. Know how to find the length of an array
15. Know what passing by reference means and that arrays are passed by reference in Java
16. Know how to copy an array
17. Be able to write code to search an array (linear search)
18. Know what sorting an array **does**