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COP3331

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Lab 2 Questions

2. Yes without having the parentheses the conditional will check the AND first then the OR, whereas with the parentheses the conditional will check the OR first then the AND
3. False a conditional expression can be used in an assignment statement if the result of the express is true or false.
4. This will not compile as switch cases can only be integers
5. Humpday
Nothing Important
7. You should use a continue statement as it will make it start the loop over whereas using a break will take you out of the loop.
10. "Pay on time!", 100
12. short, char, float, bool, unsigned short
13. false
15.
 - a. Dynamically typed languages are those with declare types to variables at run-time, whereas statically typed languages are those with declare types to variables at compile-time, this can be done through compiler inference or through strict typing by the developer.
 - b. Statically typed
 - c. No this will cause a compile-time error.
 - d. True
 - e. To build a heterogeneous list you would want to use a dynamically typed language as this would allow you to input values of any types and the runtime would automatically determine how to handle the operations being performed on this list.