

# **ECE 177 – Programming I: From C Foundations to Hardware Interaction Lecture 33**

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# Announcements

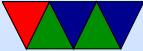
- HW#8 ???
- Update on old labs:
  - If you have a zero on labs that you did get checked off, they will be graded
  - If you submitted material but never checked off, will still be graded
  - If you have labs done but couldn't upload because they were late and brightspace wouldn't let you, let me know, I can get it so you can upload



- Note: these re-grades will happen but maybe not until next week
- Note on Lab#9:
  - I notice at least 20 people have not finished
  - There will be checkoff this week during lab time, but it might be just me, not TAs
  - If you plan to show after 2:30pm or so drop me an e-mail to let me know, as otherwise if no one shows we might all leave
- Don't forget Student Evals
- There is a final, Wednesday during final week

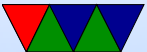


Will review Friday



# Go Over Midterm #2

- Was handed back on Friday, average was 76%



# Operator Precedence

|  |               |             |                     |
|--|---------------|-------------|---------------------|
| ( ) [ ] . -><br>++ -- (postfix)          | left to right |             | <b>highest</b><br>1 |
| + - ! & * ~ ++ -- (prefix) (type) sizeof | right to left | unary       | 2                   |
| * / %                                    | left to right | arithmetic  | 3                   |
| + -                                      | left to right | arithmetic  | 4                   |
| >> <<                                    | left to right | shifting    | 5                   |
| < <= > >=                                | left to right | relational  | 6                   |
| == !=                                    | left to right | equality    | 7                   |
| &  | left to right | bitwise AND | 8                   |
| ^  | left to right | bitwise XOR | 9                   |
|  | left to right | bitwise OR  | 10                  |
| &&                                       | left to right | logical AND | 11                  |
|  | left to right | logical OR  | 12                  |
| ?:                                       | right to left | ternary     | 13                  |
| = += -= *= /= %=                         | right to left | assignment  | 14                  |
| ,  | left to right |             | <b>lowest</b> 15    |



# Begin Talking About Recursion (see next lecture's notes)

