

ECE 275 – C/C++ Computer Programming II  
Assignment #4 Grade report

Student: \_\_\_\_\_ NetID: \_\_\_\_\_

**Commenting (4%)**

File comment \_\_\_\_\_/4  
 Function declaration \_\_\_\_\_/4  
 Constants, types, variables, etc. \_\_\_\_\_/4  
 Code comments \_\_\_\_\_/4  
*Subtotal* \_\_\_\_\_/16

**Code Organization and Reusability (4%)**

Organization \_\_\_\_\_/8  
 Reusability \_\_\_\_\_/8  
*Subtotal* \_\_\_\_\_/16

**Program Usability (5%)**

Usage statement \_\_\_\_\_/10  
 Error messages \_\_\_\_\_/10  
*Subtotal* \_\_\_\_\_/20

**Coding Style and Standards (3%)**

Variable naming \_\_\_\_\_/6  
 Consistent code style \_\_\_\_\_/6  
*Subtotal* \_\_\_\_\_/12

**Text File Parsing (20%)**

Large File Handling \_\_\_\_\_/20  
 File Error Checking \_\_\_\_\_/20  
 Language Syntax Handling \_\_\_\_\_/20  
 Comment/Empty Line Handling \_\_\_\_\_/20  
*Subtotal* \_\_\_\_\_/80

**Calculator Functionality (32%)**

Variable Printing \_\_\_\_\_/8  
 Variable Assignment/Creation \_\_\_\_\_/30  
 Value Safety Checks \_\_\_\_\_/30  
 Variable Destruction \_\_\_\_\_/30  
 Data Management(malloc, free) \_\_\_\_\_/30  
*Subtotal* \_\_\_\_\_/128

**Arithmetic Calculation (32%)**

Addition \_\_\_\_\_/20  
 Subtraction \_\_\_\_\_/27  
 Multiplication \_\_\_\_\_/27  
 Division \_\_\_\_\_/27  
 Exponentiation \_\_\_\_\_/27  
*Subtotal* \_\_\_\_\_/128

***Deductions***

***Incorrect submission format*** \_\_\_\_\_/-40  
***Single source file*** \_\_\_\_\_/-40  
***Unnecessary program output*** \_\_\_\_\_/-40  
***Segmentation faults*** \_\_\_\_\_/-100  
***Compilation warnings*** \_\_\_\_\_/-20  
***Compilation errors*** \_\_\_\_\_/-400  
***Late submission*** \_\_\_\_days x -60 \_\_\_\_\_/-400  
***Subtotal (cap to -400)*** \_\_\_\_\_/-400

***Bonus (5%)***

***Conditional Statements*** \_\_\_\_\_/8  
***Loop Statements*** \_\_\_\_\_/12  
***Subtotal*** \_\_\_\_\_/20

***Subtotal from above*** \_\_\_\_\_/400  
***Bonus*** \_\_\_\_\_/20  
***Deductions*** \_\_\_\_\_/-400  
***Total*** \_\_\_\_\_/400

***Score for D2L***

***{Total} ÷ 4 = \_\_\_\_\_/100***