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Calc

My calc program does the following

1. It takes in the input and makes sure it is in proper form, otherwise it outputs an error
2. Then, it converts each number from its respective form into an integer
3. It then converts the integer into the output that is asked for
4. It prints a negative sign, depending on whether the output is positive or negative
5. It then prints the output

Format

My format program does the following

1. Checks to see if the input is in proper form and contains proper character amounts
2. Checks to see if it is a float or integer
3. Converts to integer If integer is requested
4. Checks for special cases if it is a float
5. Converts it

IMPORTANT:

To compile format on iLab, you must compile as “gcc -lm format.c” in order to link the math library and compile the program. This is because the pow function is in the program.

My format program is also highly precise. For instance, in some cases it will say 6.102029 in place of 6.10203