

Computer Science II: Data Structures: Programming Assignment

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Problem Description

The objective of this assignment is to represent polynomials in the C++ language. To do this, we must implement linked lists, with each node representing a term in the polynomial.

The second portion of the assignment is to add two polynomials together and display the result. The result should be reduced, so that any terms of the same power are combined and not displayed separately.

Also, while not necessary, it is preferable to display the polynomials in descending order.

Finally, the input can be in any preferred way. The program can read from a file, take user input, or only compute hardcoded polynomials.

Source Code and Test Results

Please see `main.cpp` for the source code of my solution.

The following are examples of input and output of the program: