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| Sum of Polynomials |
| Team 2 | Project 1B |

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| Combining Polynomials |
| How It Was Done |
| How Does It Work? This program adds takes 2 polynomials entered as strings and combines them together, sorting them by largest to smallest exponent while also combining anything it can. It uses 2 classes, Term, and PolynomialList to do so.  Upon starting the program, you’ll be greeted with a menu of sorts, giving you options to insert polynomials, add them together, and return a result. Just enter the number next to an operation to start it. Possible Improvements? Much of this program could probably be simplified to be honest. As it is, the program is kind of hard to understand. Test Cases Entered 1x^2 and 1x, the program correctly returned 1x^2 + x  Entered (2x^3 + 2x) and (-2x^3 + 3x^2 + 4), correctly returned 3x^2 + 2x + 4 Who Did What? Initial proof program was created by Tim, was fixed and improved by Katie. Tyler made this document and did some debugging on the program. |