

## CS 352 HW 1

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### Question 1

I would much prefer to use a standard library type because that would be much more convenient for memory management. An advantage to writing my own memory management code is that I have complete control over when memory is assigned and deleted and the location.

### Question 2

If `expr` didn't include the `clone` method, I wouldn't have been able to write a copy-constructor because the memory wouldn't have been copied correctly. These objects could be incorporated in a range or another `expr` object and since the compiler cannot identify the difference, the computer doesn't make a copy.

### Question 3

This assignment took me around 5 hours to complete. The most challenging function to write was the `equals` operator because that required thinking about null values and such. The easiest functions to write were those in question 1, they were smooth and allowed me to show off my super cool value assignment skills.