HW 3 Problem 2

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1

The array representation is easier to navigate in during addition, subtraction, and multiplication, but the list-of-terms is a lot better for the division portion as it is a lot easier to access specific variables instead of having to decode the array sorting.

2

I once again only felt that it was necessary to include the checkRep() method calls at the end of the constructors. There are no methods within RatPoly that contain @modifies except for the static scalar method, but a checkRep is not necessary here because a static method cannot modify an object of the class. Because of this I did not implement any extra checkRep() method calls because almost every function that changed th RatPoly just returned a new one instead of editing the existing one.