Possible Nouns:

Polynomial

Term

~~Coefficient~~

~~Power of x~~

Linked List

Class Candidates:

Polynomial

Term

Linked List

|  |  |
| --- | --- |
| Polynomial | |
| *add another polynomial* | LinkedList |
| *multiply another polynomial* | Term |
| *print this polynomial* |  |
| *compute the derivative* |  |

|  |  |
| --- | --- |
| Linked List | |
| *add first element* | LinkedListIterator |
| *remove first element* | ListIterator |
| *get list iterator* |  |
| *add new element* |  |
| *remove an element* |  |
| *get next element* |  |
| *has next element?* |  |
| *set value of an element* |  |
| *get first element* |  |

|  |  |
| --- | --- |
| Term | |
| *get coefficient of x* |  |
| *get power of x* |  |