DSA, TypeScript

* Linked Lists
  + Singly Linked Lists
    - Operations
  + Doubly Linked Lists
    - Operations
  + Circularly Linked Lists
    - Operations
* Stacks (LIFO)
  + Operations
    - Init
    - Destroy
    - Push
    - Pop
    - Peek
    - Size
* Queues (FIFO)
  + Operations
    - Init
    - Destroy
    - Enqueue
    - Dequeue
    - Peek
    - Size
* Sets
  + Operations
    - Init
    - Destroy
    - Insert
    - Remove
    - Union
    - Intersection
    - Difference
    - Is-Member
    - Is-Subset
    - Is-Equal
    - Size
* Hash Tables
  + Chained Hash Tables
    - Operations
      * Init
      * Destroy
      * Insert
      * Remove
      * Lookup
      * Size
  + Open-Addressed Hash Tables
    - Operations
      * Init
      * Destroy
      * Insert
      * Remove
      * Lookup
      * Size
* Trees
  + Binary Trees
    - Operations
  + Binary Search Trees
    - Operations
  + AVL Trees
    - Operations
  + K-ary Trees
    - Operations
  + Red-Black Trees
    - Operations
  + Tries
    - Operations
  + B Trees
    - Operations
  + B+ Trees
    - Operations
  + B\* Trees
    - Operations
  + Splay Trees
    - Operations
* Heaps
* Priority Queues
* Graphs
* Strings
  + Hamming Distance
* Dynamic Programming
* Miscellaneous
  + Compute Factorial
  + Compute Fibonacci
* Sorting
* Searching