Id	Title	Description
1	Doubly-linked list	The same API as we have now for singly-linked list.
2	Adjacency-list representation of graphs	DFS, BFS, Graph Transpose, and Prim's algorithm.
3	Adjacency-list representation of graphs	DFS, Kruskal's algorithm and Strongly connected components.
4	Enhancements to the adjacency-matrix representation of graphs	Topological sort, Strongly connected components (CLS), Kosaraju's algorithm.
5	Vector	new, delete, get, set, search, clone, erase, slice, size, ...
6	Hash Table	new, delete, insert, lookup, remove, keys, values, clone, ...
7	Enhancements to the BST	bst_delete, clone, element_count, leaf_count, height, element_count_less_than, element_count_greater_than, split_at_root
8	SafeArray	new, delete, find, copy, get, set, resize, length, foreach,
9	Content Serializer and Deserializer	Stack, Queue, List, BST and Graph
10	Stack, Double-ended Stack, and Queue using List	Use our linked list implementation to re-implement the mentioned data structures.
11	Binary Decision Diagram	bdd_new, bdd_delete, bdd_and, bdd_or, bdd_not, bdd_zero, bdd_one, bdd_evaluate
12	Set - using List	set_new, set_delete, set_size, set_add, set_remove, set_union, set_intersect, set_difference, set_member, set_subset, make_set
13	Connected Graph Algorithms	Articulation points, Bridges and Biconnected Components