Level 2	Notes
STLs I	Vector & Dequeue & Stack & Queue
STLs II	Priority Queue & Map & Set
Complexity Analysis & Dynamic Memory	Pointer & Iterators
Greedy	
Static Range Queries	Frequency Array & Prefix & Suffix
Binary Search & Two Bointers	
Iterative Complete Search - Bitmasks	Bitwise operations
Recursive Complete Search - Backtracking	Recursion
Number Theory I	Primes, Sieve, Factors, Divisors
Number Theory II	Binary Exponentiation, Modular Arithmetic, GCD & LCM,Basics of Counting(Product Rule, Sum Rule, nCr, nPr)
Sorting Algorthims I	Selection, Buble, Insertion Sort, Count, Radix sort
Sorting Algorthims II	Merge, Quick sort
Data Structures I	Intro (Struct, Classes, boolean overloading), Vector Imp, LinkedList Imp
Data Structures II	Queue Imp, Stacks Imp
Data Structures III	HashTables Imp (Map, Set)
Data Structures IV	Intro to Binary Trees & Heap Imp