Top-20 Training Program
(Trie Problems)

Apply the solution building strategies discussed in class to solve following problems.

Group1:

Trie Design:
https://leetcode.com/problems/implement-trie-prefix-tree/description/
https://leetcode.com/problems/add-and-search-word-data-structure-design/description/
Phone List: http://poj.org/problem?id=3630
Immediate Decodability: http://poj.org/problem?id=1056
Ada & Indexing: https://www.spoj.com/problems/ADAINDEX/
Longest Common Prefix: https://leetcode.com/problems/longest-common-prefix/description/
Cow Phrase Book: http://poj.org/problem?id=3193

Group2:

Shortest Prefixes: http://poj.org/problem?id=2001
ShortestNames:
https://uva.onlinejudge.org/index.php?option=onlinejudge&page=show_problem&problem=3950
T9: http://poj.org/problem?id=1451
Cellphone Typing:
https://uva.onlinejudge.org/index.php?option=onlinejudge&page=show_problem&problem=3971

Group3:

Game Play: http://codeforces.com/contest/455/problem/B
Concatenated Words: https://leetcode.com/problems/concatenated-words/description/
Scrabble: http://poj.org/problem?id=2973

Group4:

Maximum XOR-pair sum: https://leetcode.com/problems/maximum-xor-of-two-numbers-in-an-array/description/
Maximum Subarray XOR sum:
https://icpcarchive.ecs.baylor.edu/index.php?Itemid=8&category=345&option=com_onlinejudge&page=show_problem&problem=2683
Beautiful Subarrays: http://codeforces.com/problemset/problem/665/E