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| --- | --- | --- |
| **Topic** | **List** | **Duration** |
| **Data structure** | **Sqrt + Mo**  **Sparse Table + LCA**  **Segment Tree**  **Bit**  **KD Tree**  **DSU**  **Treap** |  |
| **Practice** | **STL, Ad-Hoc** |  |
| **Miscellaneous** | **Greedy**  **Backtracking**  **Meet in The Middle**  **Matrix Exponentiation** |  |
| **Game Theory** |  |  |
| **String** | **KMP**  **Rabin carp**  **Aho-Corasick**  **Trie**  **Rolling Hash**  **Suffix Array** |  |
| **Divide and conquer + DP** |  |  |
| **Graph** | **Bridge Tree**  **SCC**  **Topological Sort** |  |
| **Advanced Search and Sort** | **Quick and Merge sort**  **Binary Search**  **Ternary Search** |  |
| **Math** | **Inclusion Exclusion** |  |
| **Combinatorics** |  |  |
| **Probability** |  |  |
| **Geometry** |  |  |