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| GREEDY | LEARNED | TEMPLATE | SOLVED PROBLEM |
| Fractional knapsack  ( with / without negative weight ) |  |  |  |
| Huffman coding (code generator) |  |  |  |
| Activity Selection |  |  |  |
| Task scheduling/ Interval Scheduling |  |  |  |
| Maximum sum ( 1D,2D ) |  |  |  |
| Maximum Rectangle ( 0/1 field ) |  |  |  |
| Next Palindrome |  |  |  |
| Line Segment Covering |  |  |  |
| Finding OR,AND |  |  |  |

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| STRING MATCHING/ALGORITHM | LEARNED | TEMPLATE | SOLVED PROBLEM |
| KMP |  |  |  |
| AHO Corasick |  |  |  |
| Z Algorithm |  |  |  |
| Longest Common Substring |  |  |  |
| Suffix Arrays ( construction )  ( complexity 5 types ) |  |  |  |
| Suffix Automata |  |  |  |
| Manacher’s Algorithm |  |  |  |
| Minimum Rotation/Expression |  |  |  |
| Robin Karp |  |  |  |