https://flykiller.github.io/coding%20ideas/

Instead of learning solutions of [LeetCode](https://www.linkedin.com/company/leet-code/) questions, understand patterns! 🙂  
  
For ex.  
  
If input array is sorted then  
- Binary search  
- Two pointers  
  
If asked for all permutations/subsets then  
- Backtracking  
  
If given a tree then  
- DFS  
- BFS  
  
If given a graph then  
- DFS  
- BFS  
  
If given a linked list then  
- Two pointers  
  
If recursion is banned then  
- Stack  
  
If must solve in-place then  
- Swap corresponding values  
- Store one or more different values in the same pointer  
  
If asked for maximum/minimum subarray/subset/options then  
- Dynamic programming

-> minimize the largest sum / maximize the smallest sum

- Dynamic Programming + Binary Search  
  
If asked for top/least K items then  
- Heap  
  
If asked for common strings then  
- Map  
- Trie  
  
Else  
- Map/Set for O(1) time & O(n) space  
- Sort input for O(nlogn) time and O(1) space  
  
Follow [Prakhar Rai 🇮🇳](https://www.linkedin.com/in/ACoAACzQHUwBEr9IU8FMqomLw0ACYRx6LC-QBdQ) for more 🚀  
  
Google "Leetcode patterns" by Sean Prasad if you're interested to read more about this, its absolutely amazing!