**EPI Questions on LeetCode**

* **Primitive Types**
  + Reverse Bits - LC 190
* **Arrays**
  + Dutch National Flag - LC 75
  + Increment Arbitrary Precision Integer - LC 66
  + Multiple Arbitrary Precision Integer - LC 43
  + Advancing through Array - LC 55
  + Delete Duplicates from sorted array - LC 26
  + Buy and Sell stock once - LC 121
  + Buy and Sell stock twice - LC 123
  + Enumerate all primes to n - LC 204
  + Next Permutation - LC 31
* **Linked List**
  + Merge two sorted lists - LC 21
  + Reverse single sublist - LC 92
  + Test for cyclicity - LC 142
  + Overlapping List (cycle free) - LC 160
  + Delete Node from SLL - LC 237
  + Remove kth last element - LC 19
  + Remove duplicates from sorted list - LC 83
  + Cyclic right shift for SLL - LC 61
  + Even Odd merge - LC 328
  + Palindromic SLL - LC 234
  + List Pivoting - LC 86
  + Add list integers - LC 2
* **Stack and Queues**
  + Stack with max api - LC 155
  + Evaluate RPN - LC 150
  + Test well formedness of parenthesis - LC 20
  + Normalize pathnames - LC 71
  + Compute tree nodes in increasing depth - LC 102
  + Circular Queue - LC 622
* **Binary Trees**
  + Height Balanced - LC 100
  + Symmetric - LC 101
  + LCA - LC 236
  + Sum root-to-leaf paths - LC 1022
  + Find root-to-leaf path with specified sum - LC 112
  + Inorder without recursion - LC 94
  + Preorder without recursion - LC 144
  + Reconstruct from traversal data - LC 105
  + Compute right sibling tree - LC 117
* **Heaps**
  + Merge Sorted files - LC 23
  + Sort an almost sorted array - LC 358 **(Premium)**
  + K closest stars - LC 973
  + Median of Online data - LC 295
* **Searching**
  + Search sorted array for first occurence of k - LC 278
  + Integer Square root - LC 69
  + Search in 2d Sorted array - LC 74
* **Sorting**
  + Intersection of two sorted arrays - LC 349
  + Merge two sorted arrays - LC 88
  + Merging Intervals - LC 57
  + Union of Intervals - LC 56
* **Binary Search Tree**
  + Test if binary tree satisfies BST property - LC 98
  + Find k largest elements in BST - LC 230
  + LCA - LC 235
  + Reconstruct BST from traversal data - LC 1008
* **Recursion**
  + N Queens - LC 51
  + Generate Permutations - LC 46
  + Generate Power Set - LC 78
  + Generate strings of matched parrens - LC 22
  + Sudoku Solver - LC 37
  + Gray Code - LC 89
  + Diameter of Tree - LC 543