HashMap (time complexity, hash->array, hash->arrayList)

Single List/Double linked list (Iterator, remove, insert)

Stack/Queue/PriorityQueue /Heap

Tree

(BST, pre-order, inorder, post order, dfs, bfs, depth, balanced tree, full tree)

Bit manipulation

(most significant bit, least significant bit)

Search – Binary search

Sort

(merge sort (Divid and Conquer), insertion sort)

Graph

(vector graph, non-vector graph, dfs/bfs iterate)

Backtrack

(base condition, recursion)

DP

(数组型，序列型，划分型， 背包， 贪心， 博弈， 除博弈从后向前找规律)

Math

(坐标， 距离， 向量)

Two pointers

(sliding windows)

Union find

System design

Java built in functions

(comparator, sort, binary search)