清华算法营-1B

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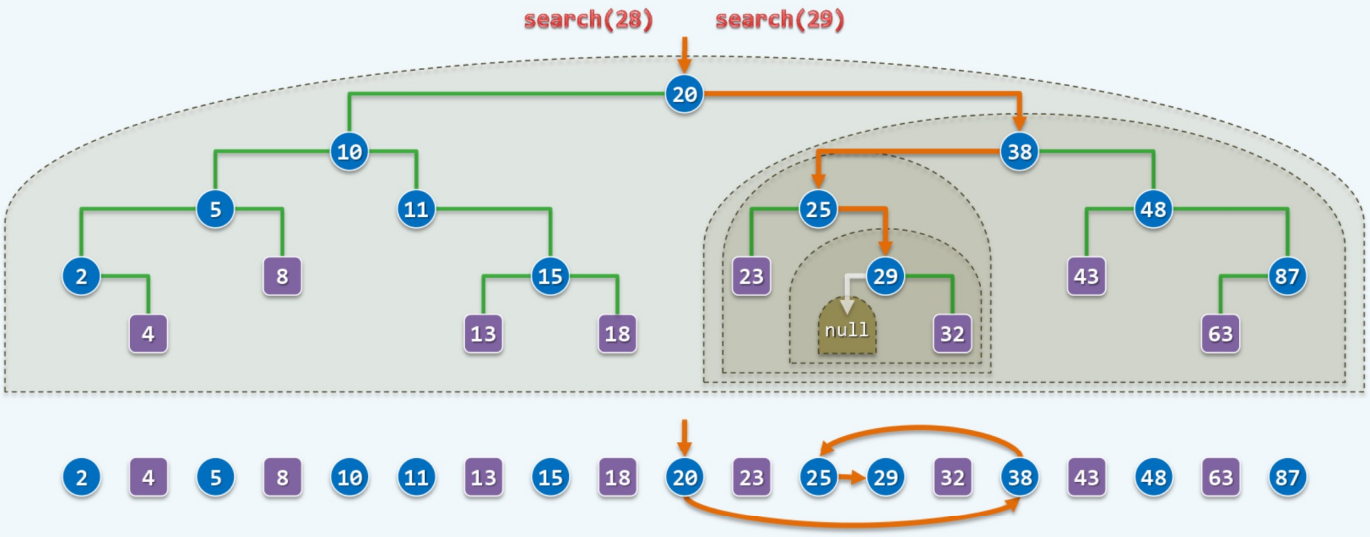
BST & BBST



Hashtable + Dictionary + Map

❖beauty = dict # Python dictionary (hashtable)

({ "沉鱼":"西施", "落雁":"昭君", "闭月":"貂蝉", "羞花":"玉环" })

print beauty

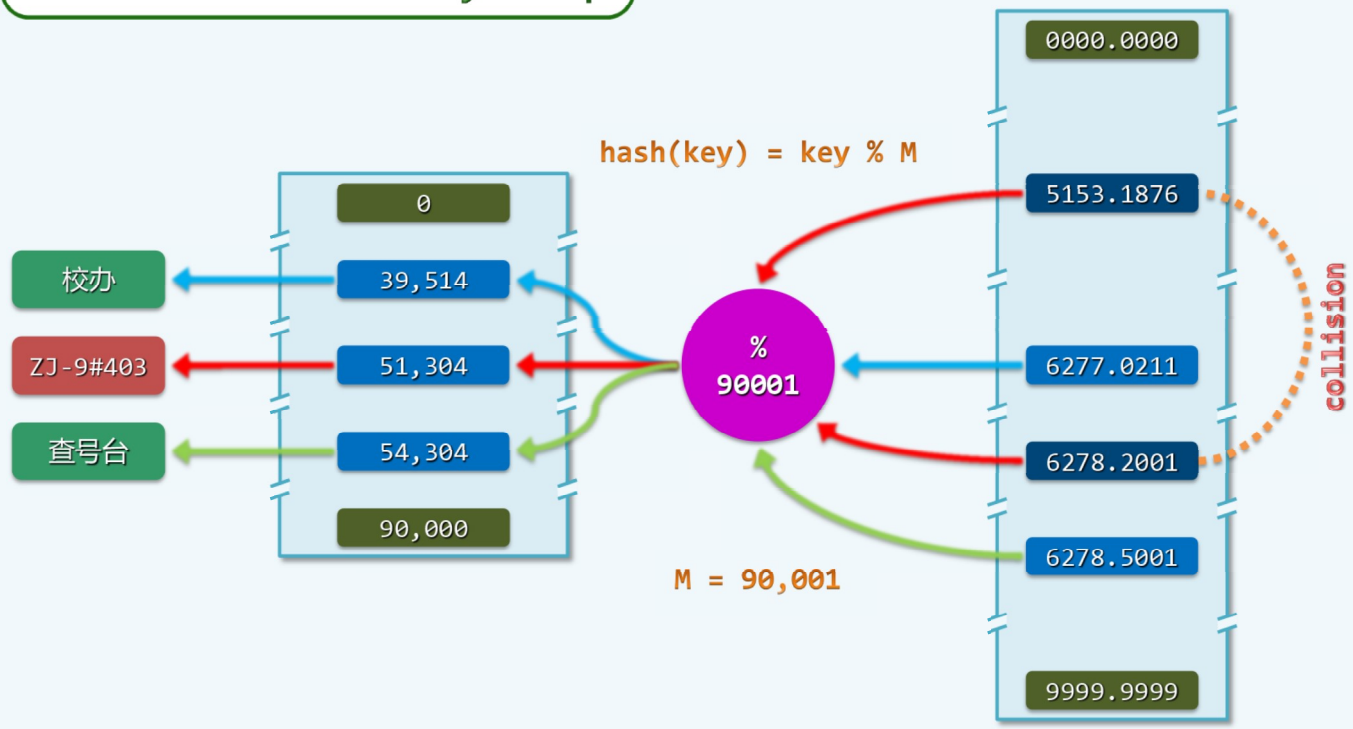
❖beauty["红颜"] = "圆圆"

print beauty

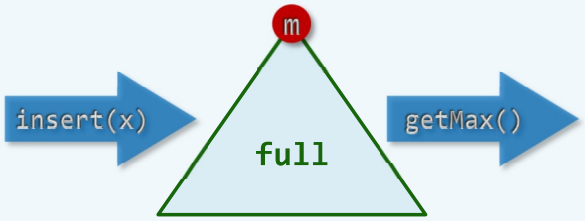
❖for alias, name in beauty.items():

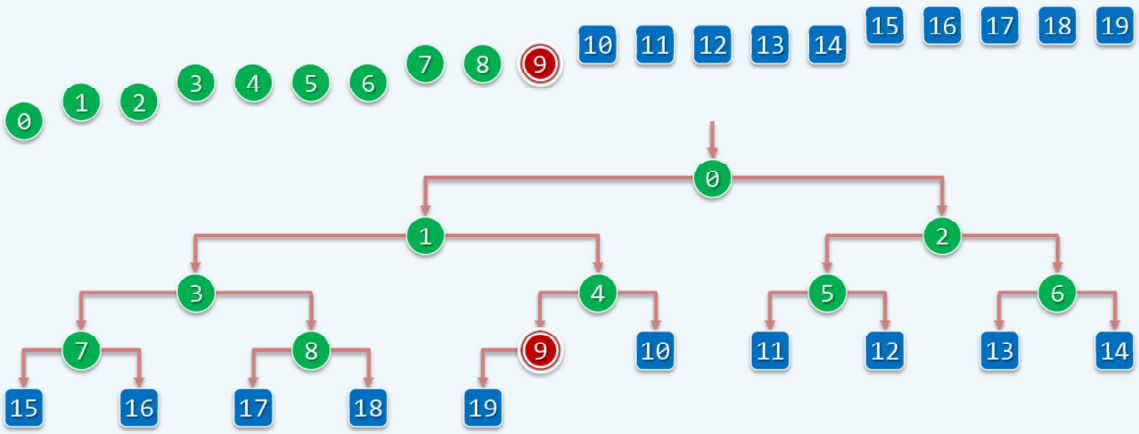
print alias, ":", name

Hashtable + Dictionary + Map

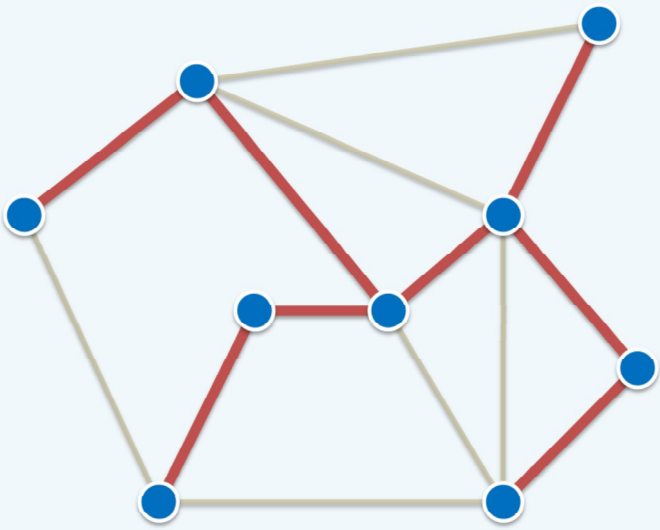


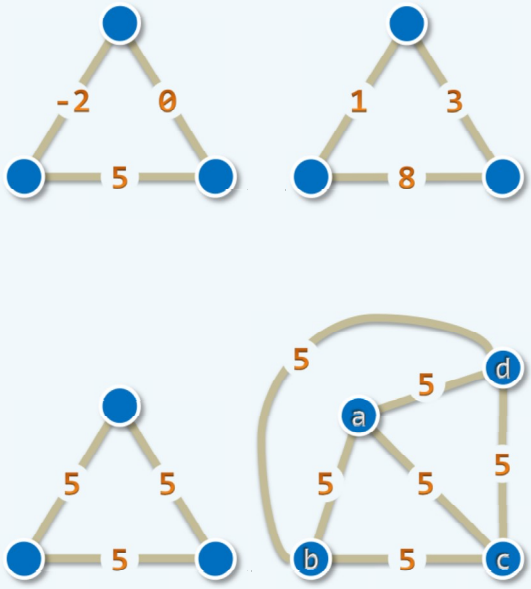
Priority Queue ~ Heap



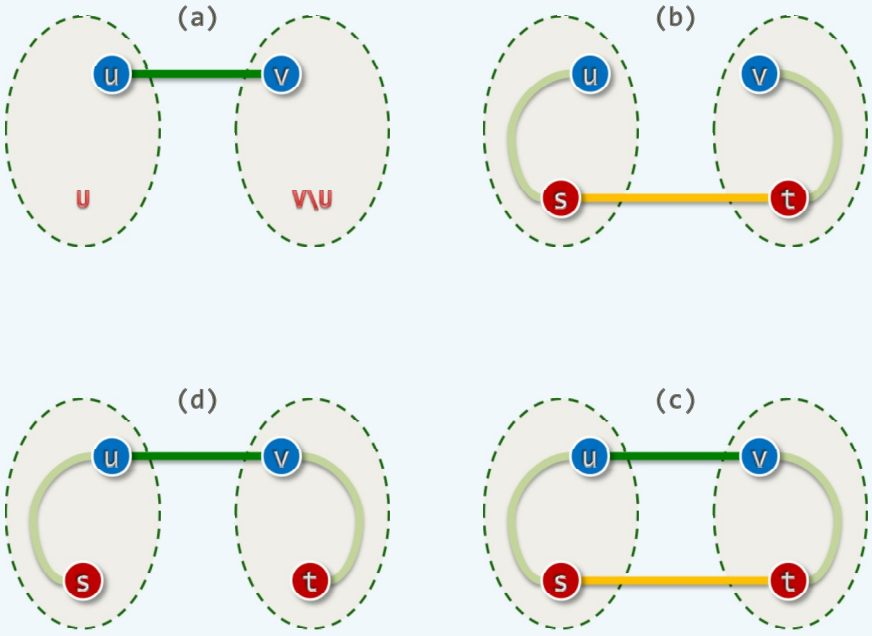


Minimum Spanning Tree

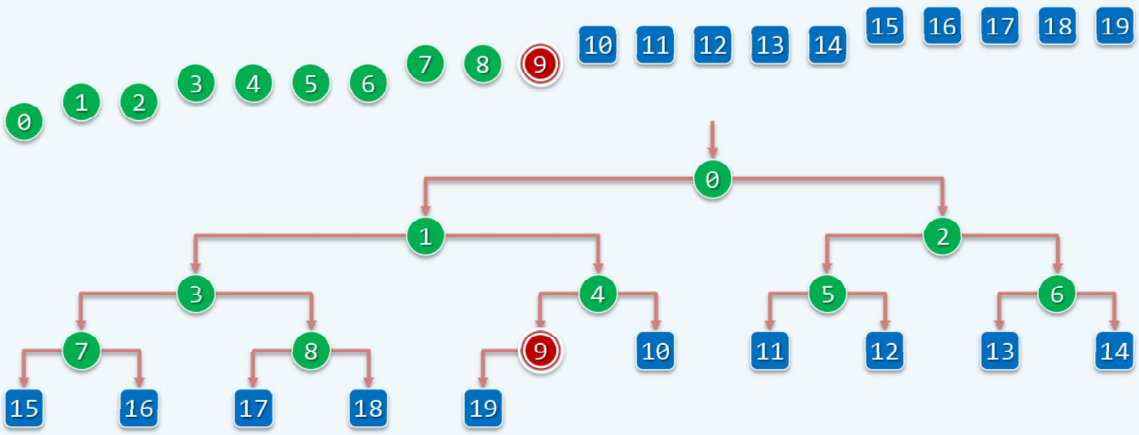




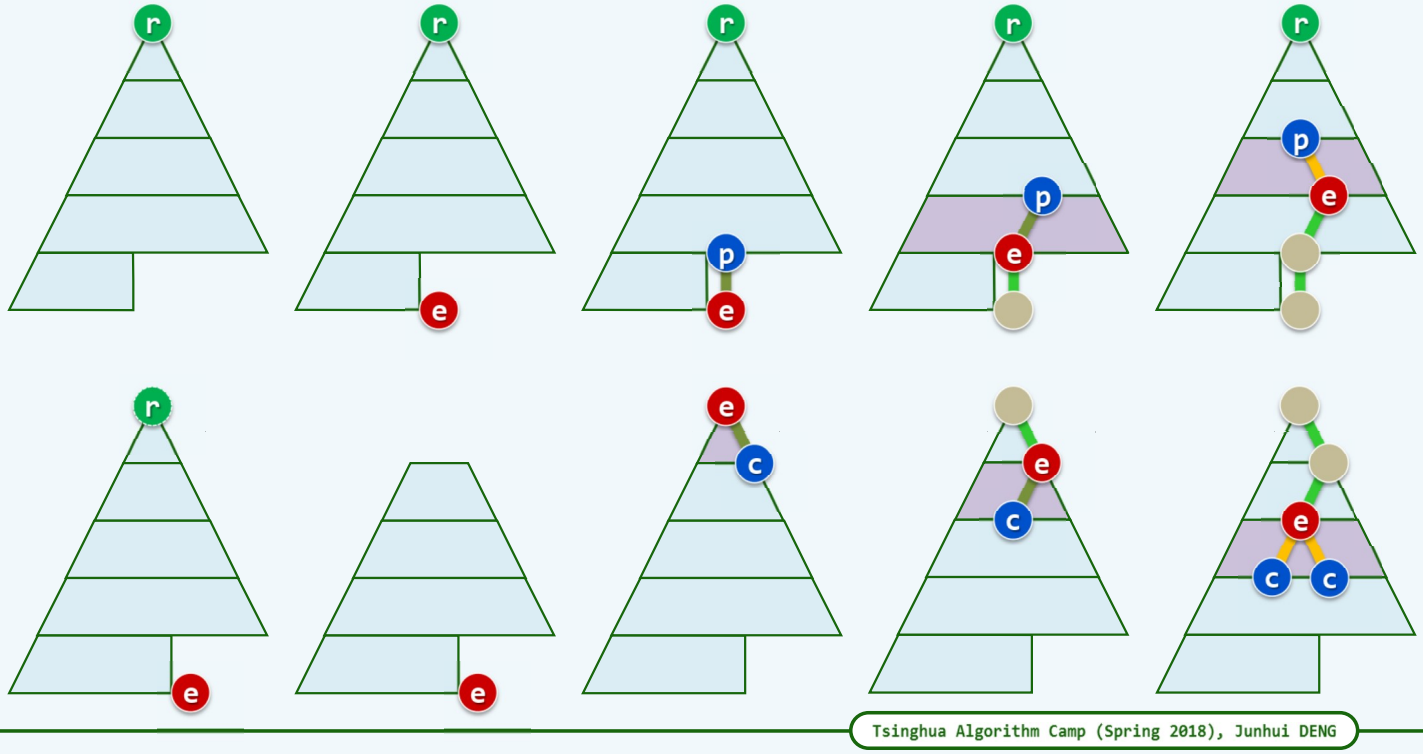
Prim: Cut + Cross



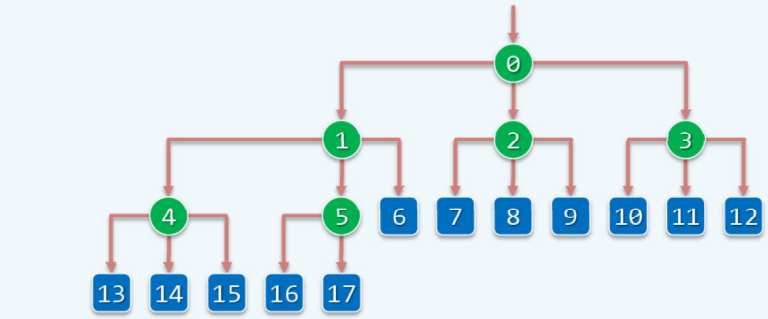
Prim: Heap



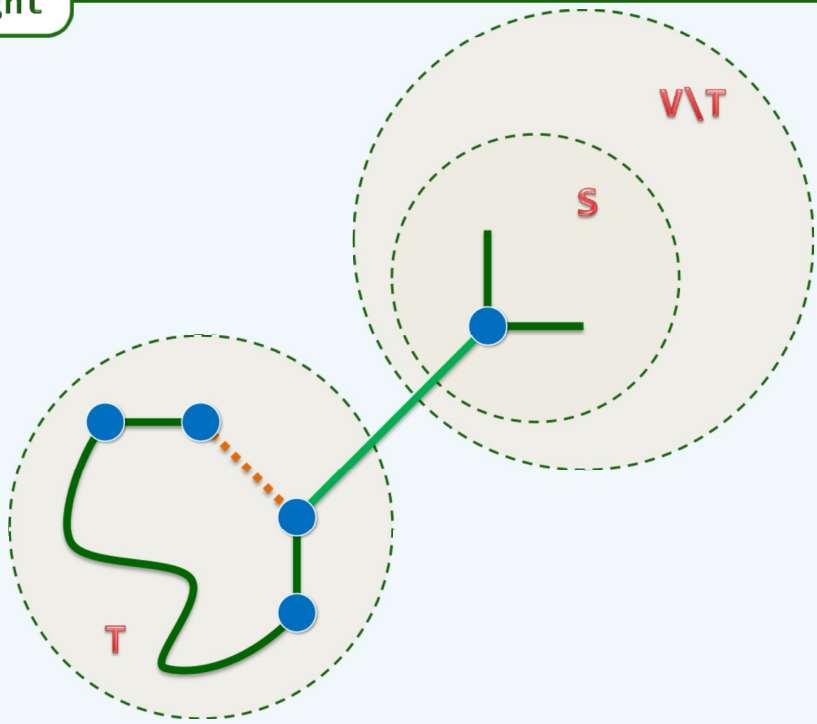
Prim: Heap



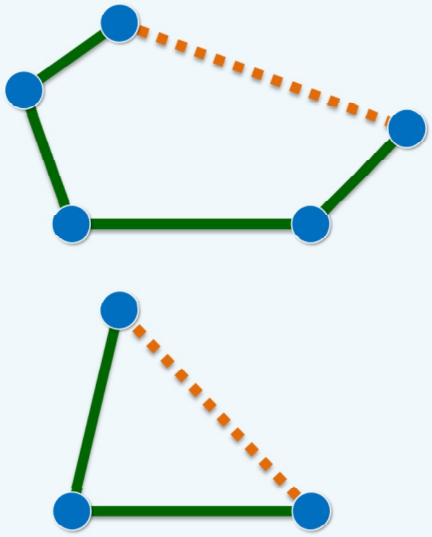
Prim: d-Heap

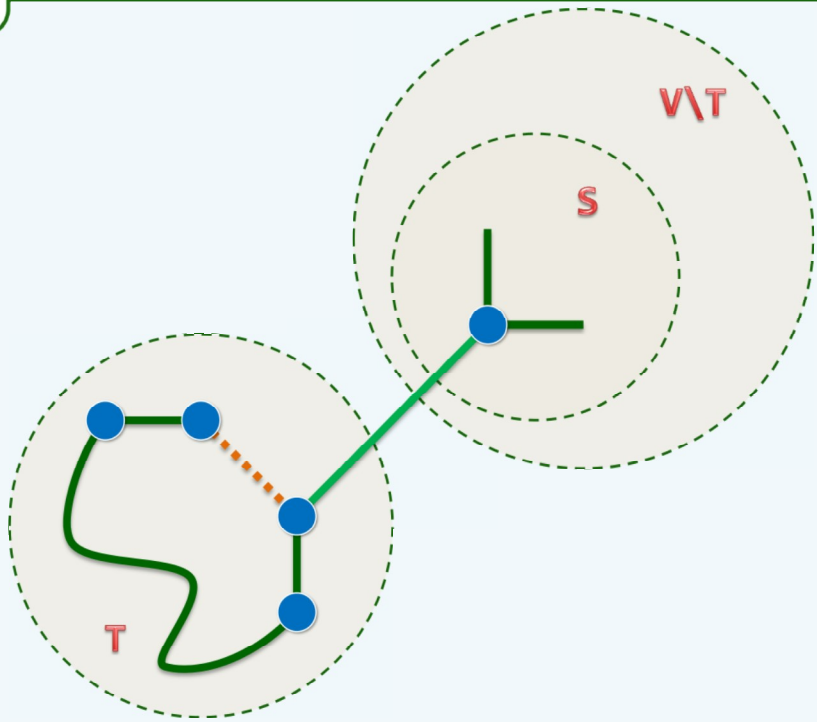


Kruskal: Sorting by Weight

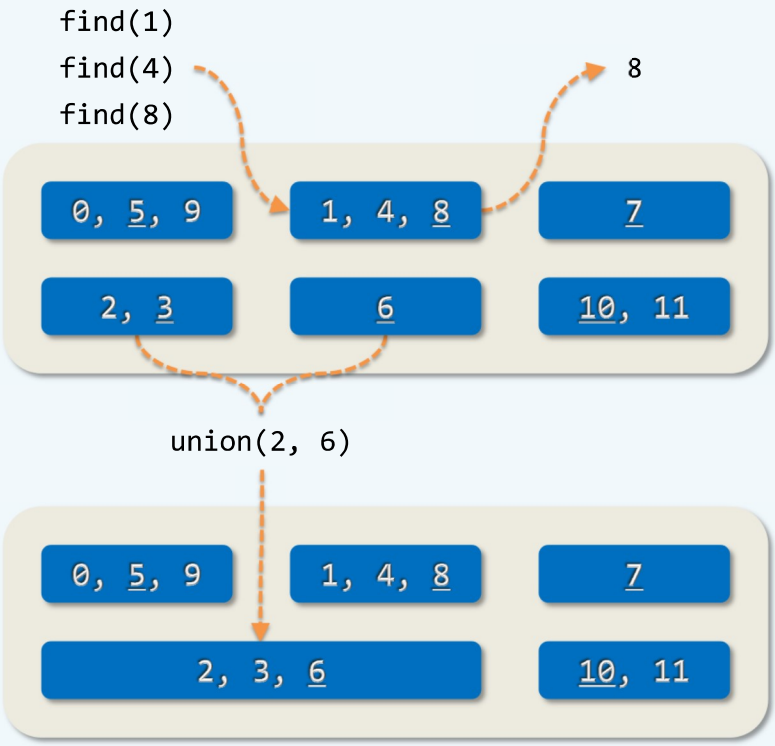


Kruskal: Loop Detection

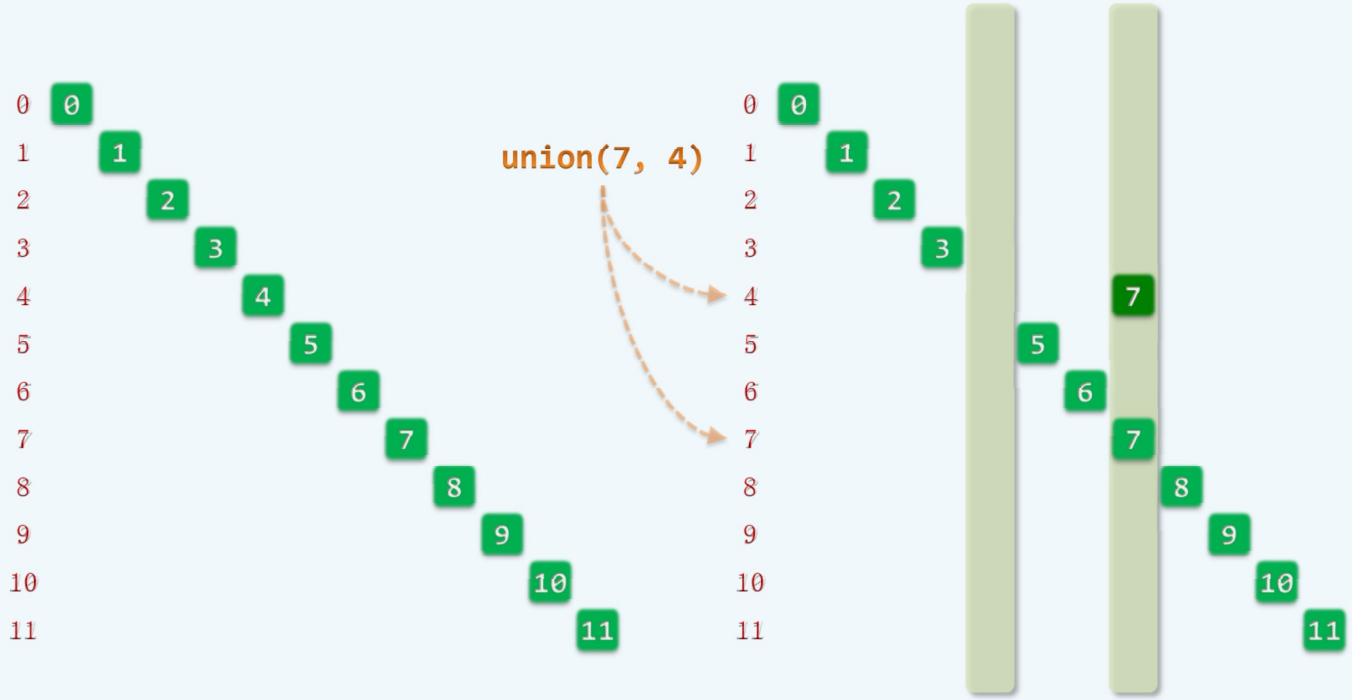




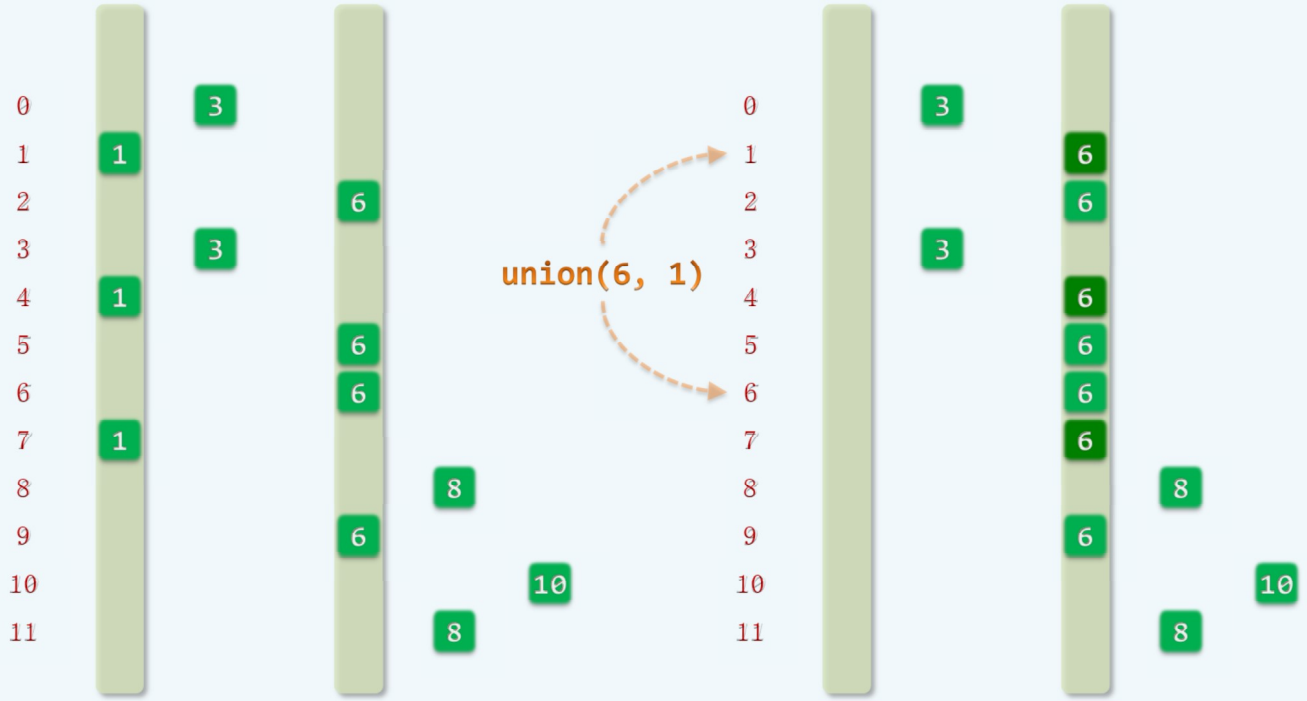
Union-Find



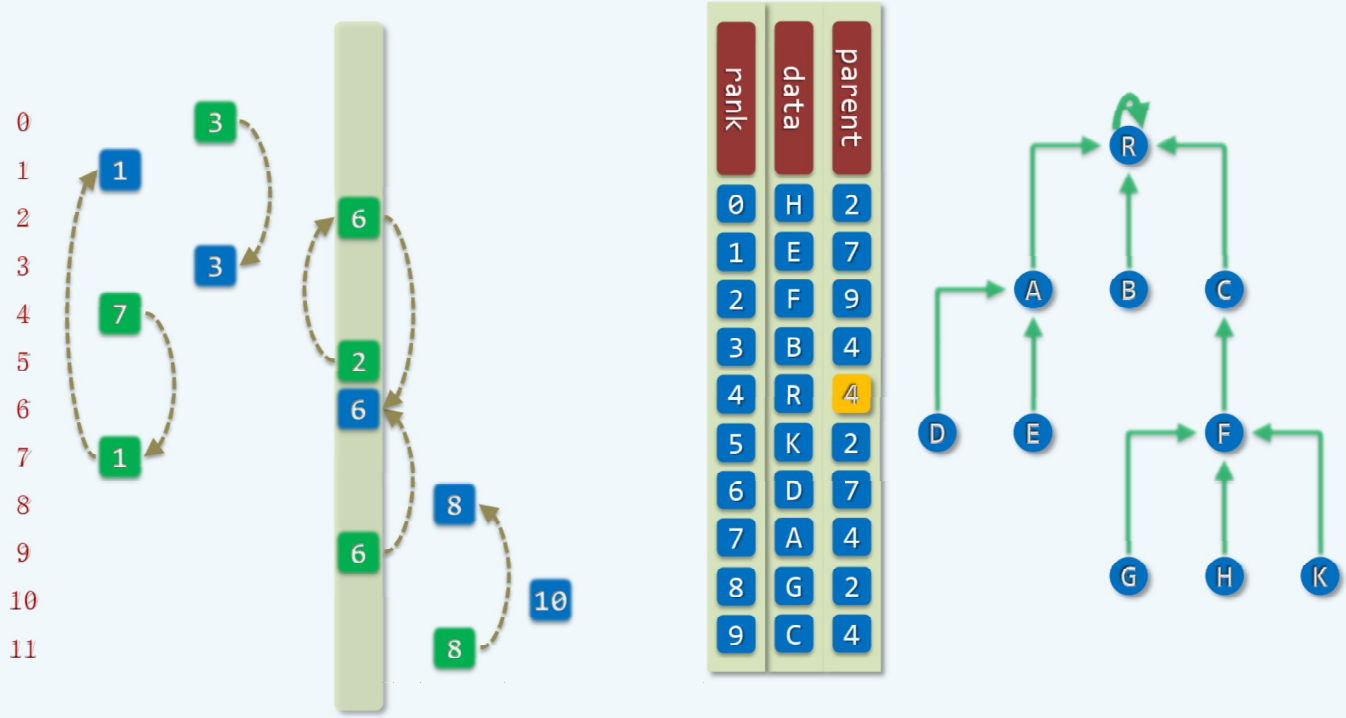
Quick-Find



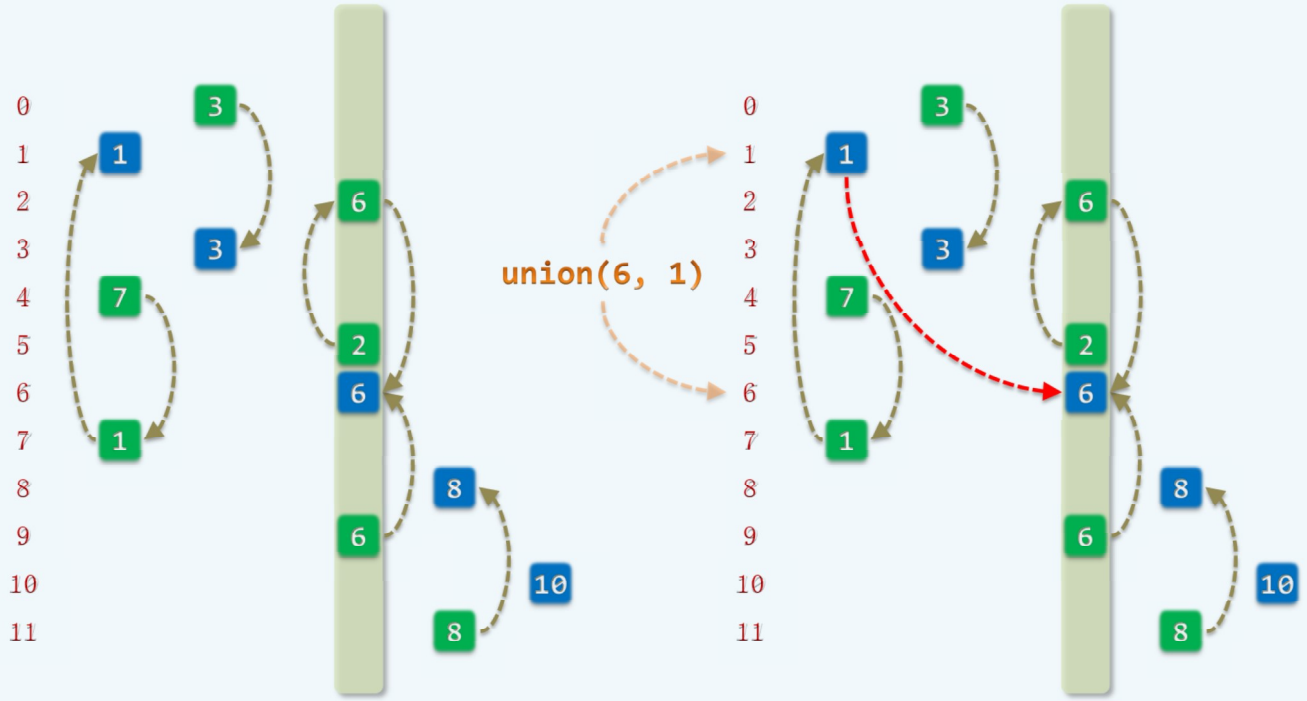
Slow-Union



Quick-Union



Quick-Union



Path Compression