

=> Collection :-

=> Variable → int age = 14; ✓

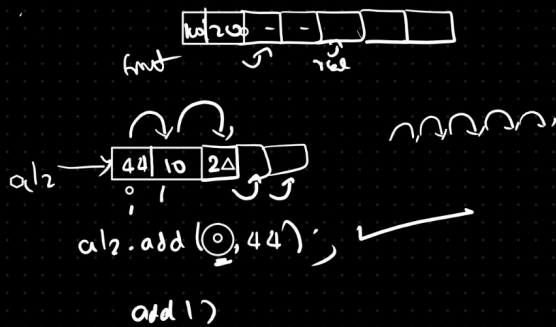
=> array → colliding data in place Array → Enumeration

=> Collection =>

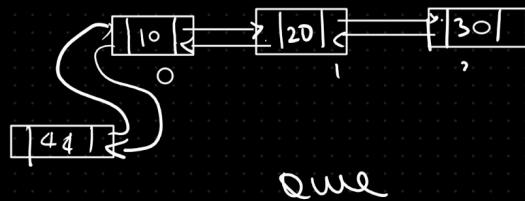
{ List
Queue
Set } → Collection → Iterable

{ ① ArrayList ② LinkedList ③ ArrayDeque ④ PriorityQueue
⑤ TreeSet ⑥ HashSet ⑦ LinkedSet } ✓

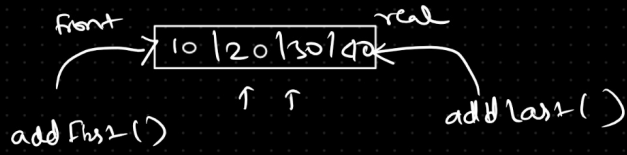
① ArrayList → List → Dynamic Array DS



② LinkedList → List → Deque → DoublyLinkedList DS



② ArrayDeque → Deque → DoublyLinkedList DS



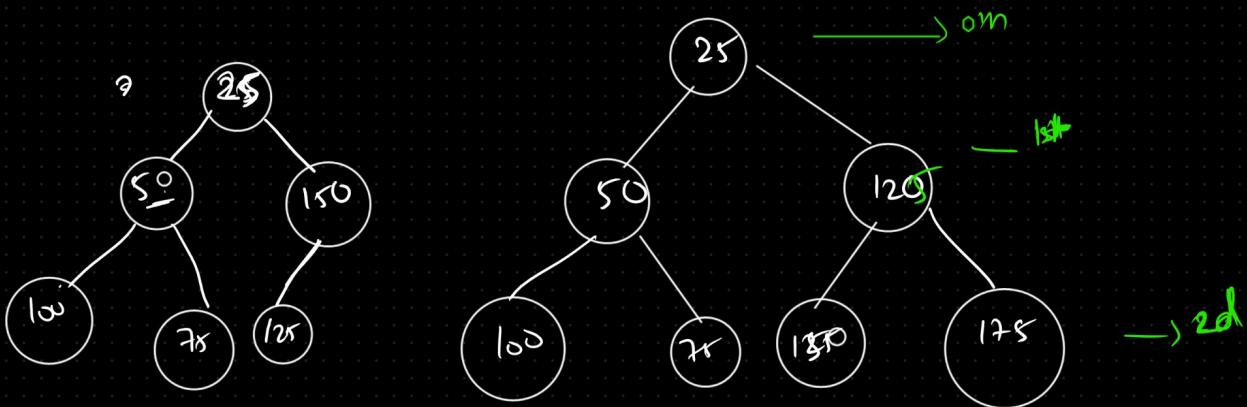
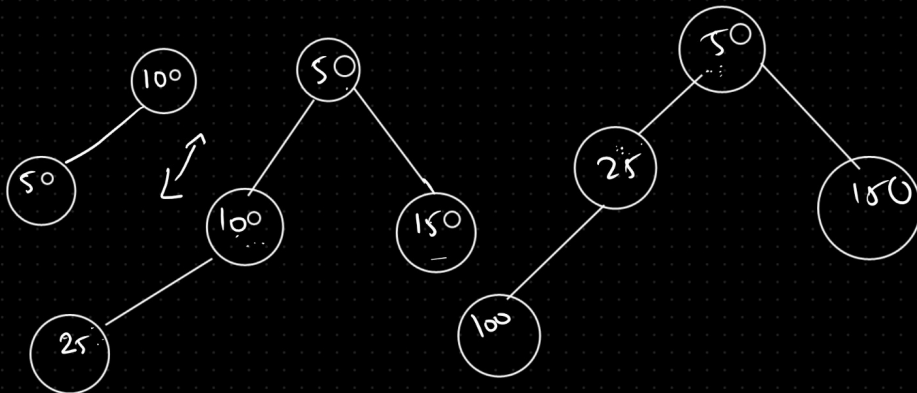
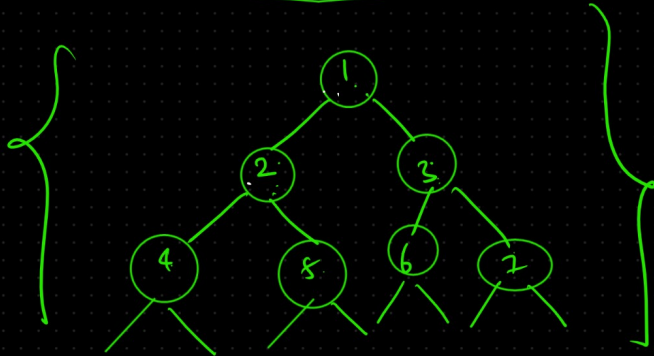
③ PriorityQueue → Queue → {min-heap}

100 50 150 25 75 125 175

→ order generated

25 50 125 100 75 150 175

→ stored

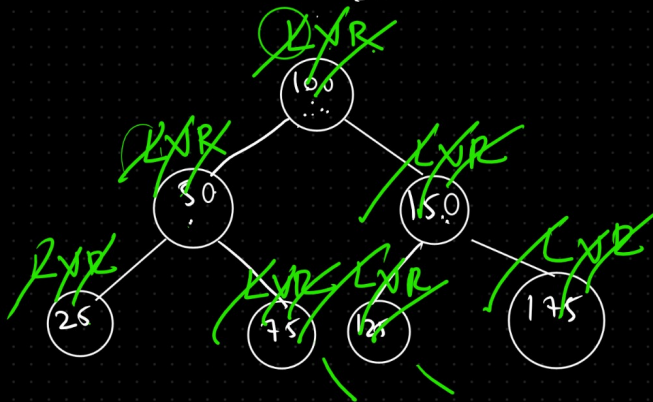


25 50 125 100 75 150 175

Tree set \rightarrow set \rightarrow BST \rightarrow Balanced }
Tree skewed }

100 50 150 25 75 125 175 \rightarrow

in order
L V R L N R



25 50 75 100 125 150 175