Time complex when insert:

- BST: O(n) (worst case)/ O(log n) (average)
- AVL: O(log n)
- Max heap: O(log n)

Time complex when search:

- Fisrt element:
  + BST: O(1)
  + AVL: O(1)
  + Max heap: O(1)
- Middle element:
  + BST: O(log n)
  + AVL: O(log n)
  + Max heap: O(n/2)
- Last element:
  + BST: O(log n) (balanced) / O(n) (unblanced)
  + AVL: O(log n)
  + Max heap: O(n)
- Random value:
  + BST: O(log n) (balanced) / O(n) (unblanced)
  + AVL: O(log n)
  + Max heap: O(n)
- Non-exist value:
  + BST: O(log n) (balanced) / O(n) (unblanced)
  + AVL: O(log n)
  + Max heap: O(n)