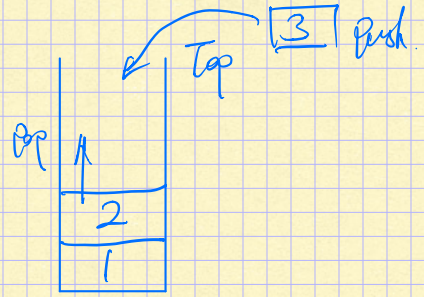
Stack

1 FILO



2. Time Complexity: O(1) for pop and push
O(n) for look up, as it's Unordered.

Queue.

1. FIFO

2. O(1) for enqueue and dequeue.
   O(n) for lookup.

deque.

double ended queue.
Can enqueue and dequeue on both sides of the queue.

O(1) for enqueue/dequeue; O(n) for look up.

Priority Queue.

1. enqueue → Time Complexity : O(1)
2. dequeue → ① Time Complexity O(log n)

more time is needed compared to queue.

② based on priority
3. Can be implemented with multiple ds
   e.g. heap, BST.