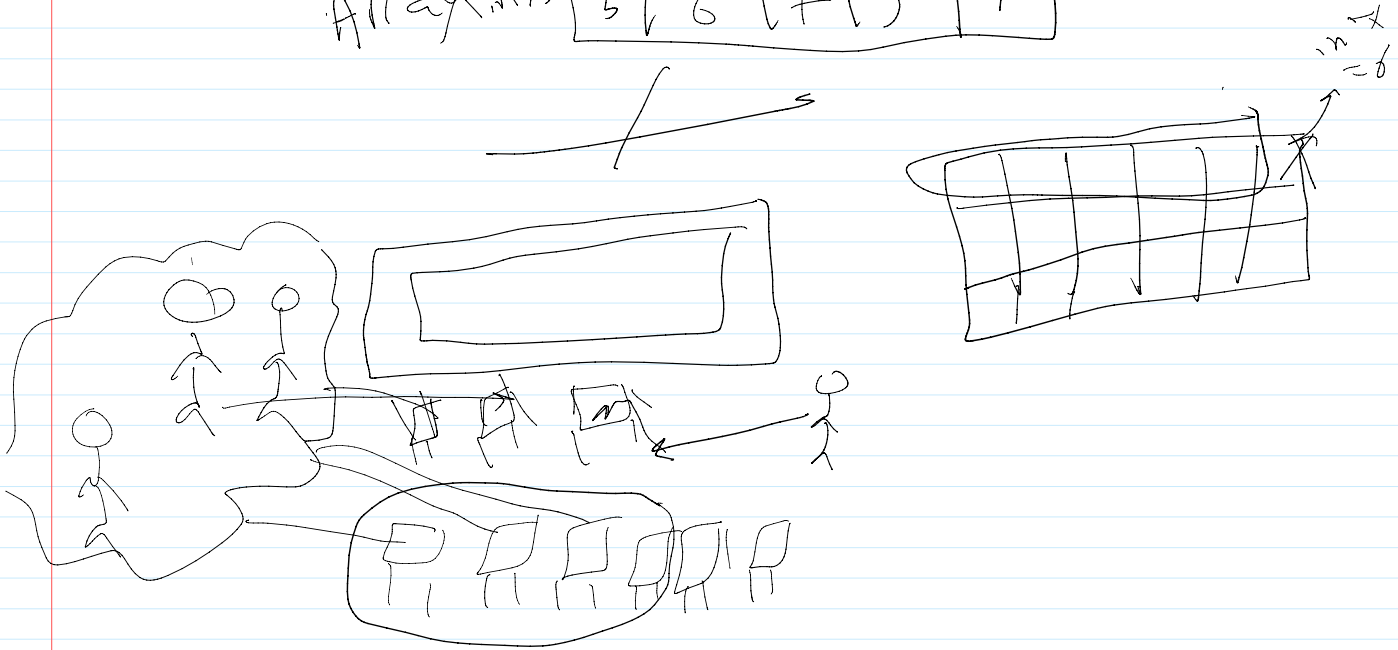
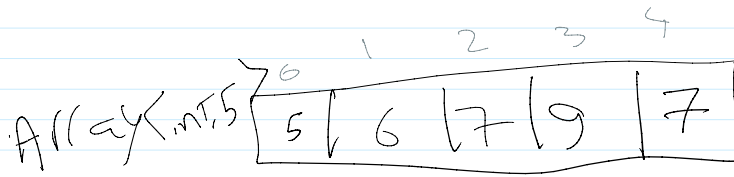
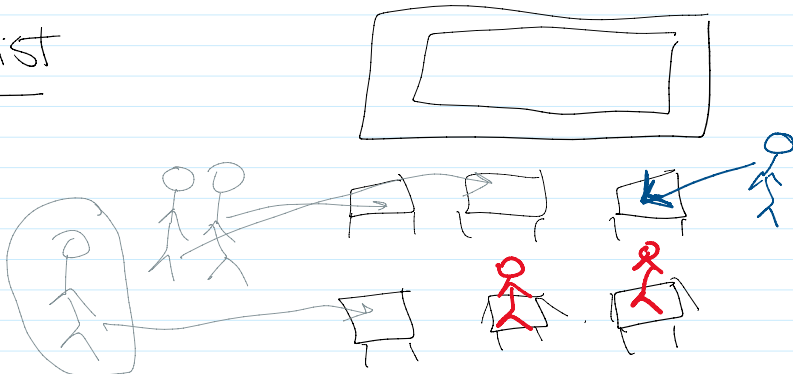


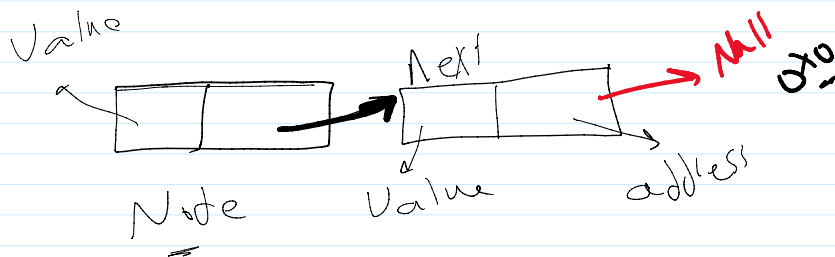
Dynamic Array \rightarrow Array with Dynamic Size

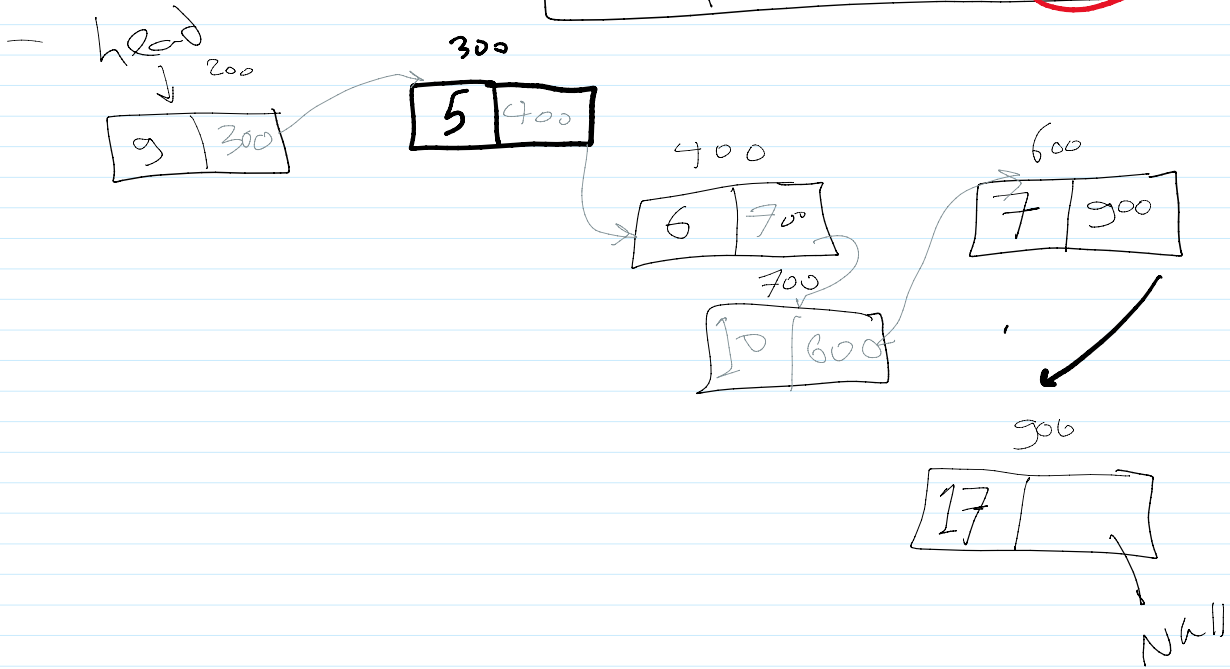
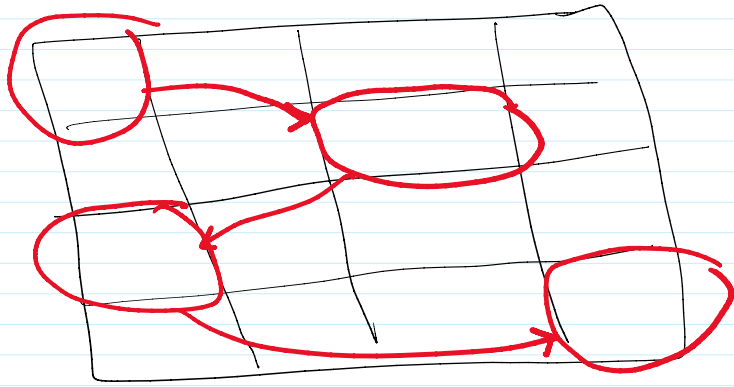


linkedlist

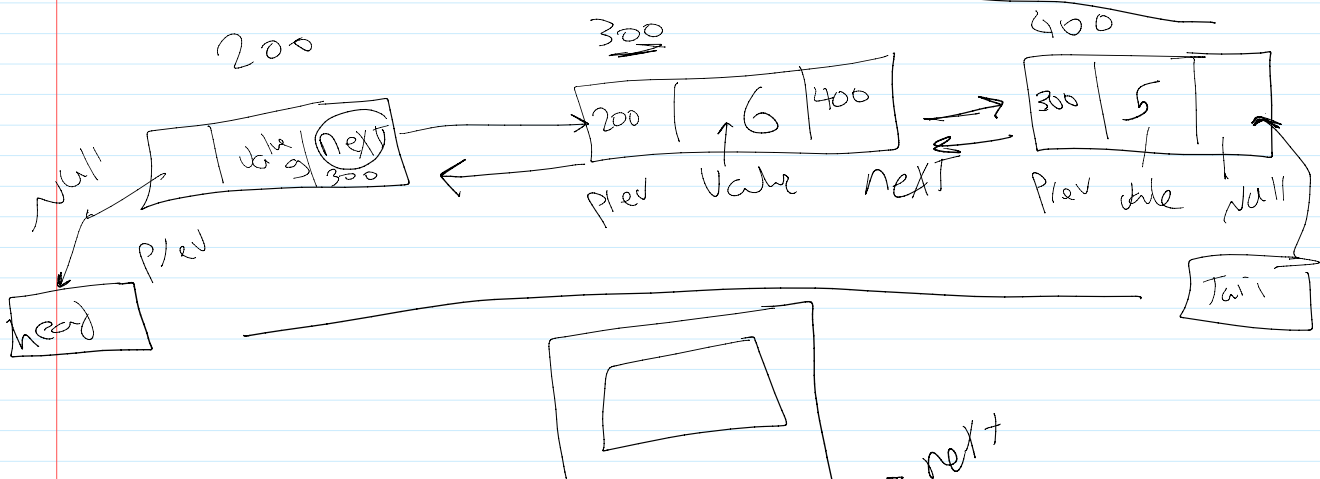
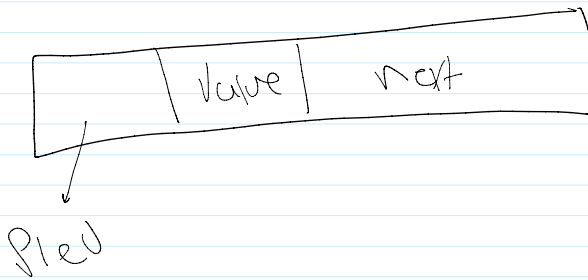


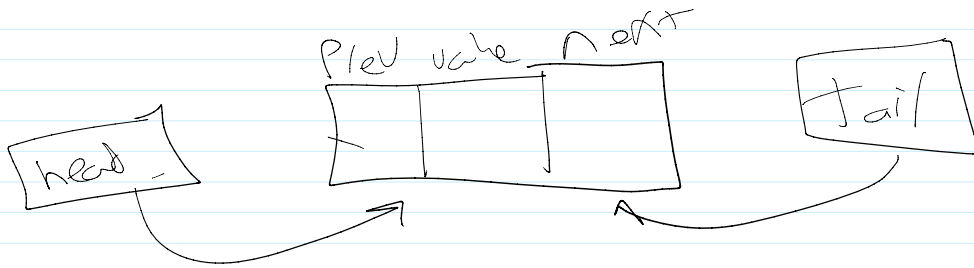
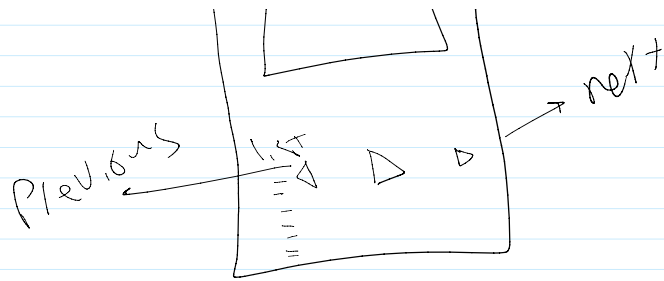
\Rightarrow insertion and deletion $O(1)$



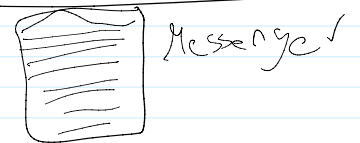


Doubly linked list





* Stack: LIFO: last input first output



* queue FIFO: first input first output
apple queue.

