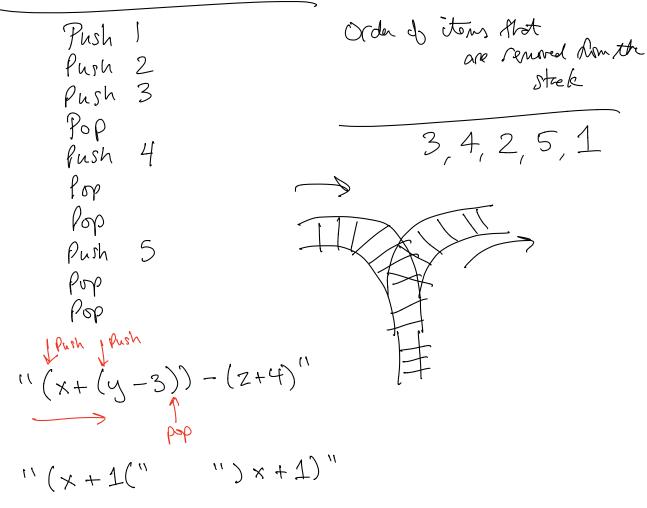
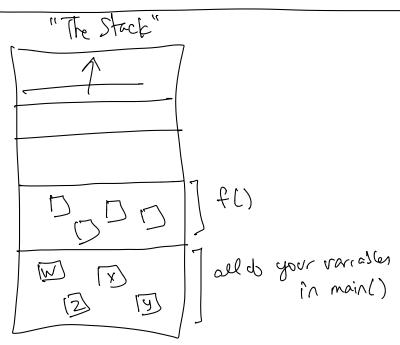
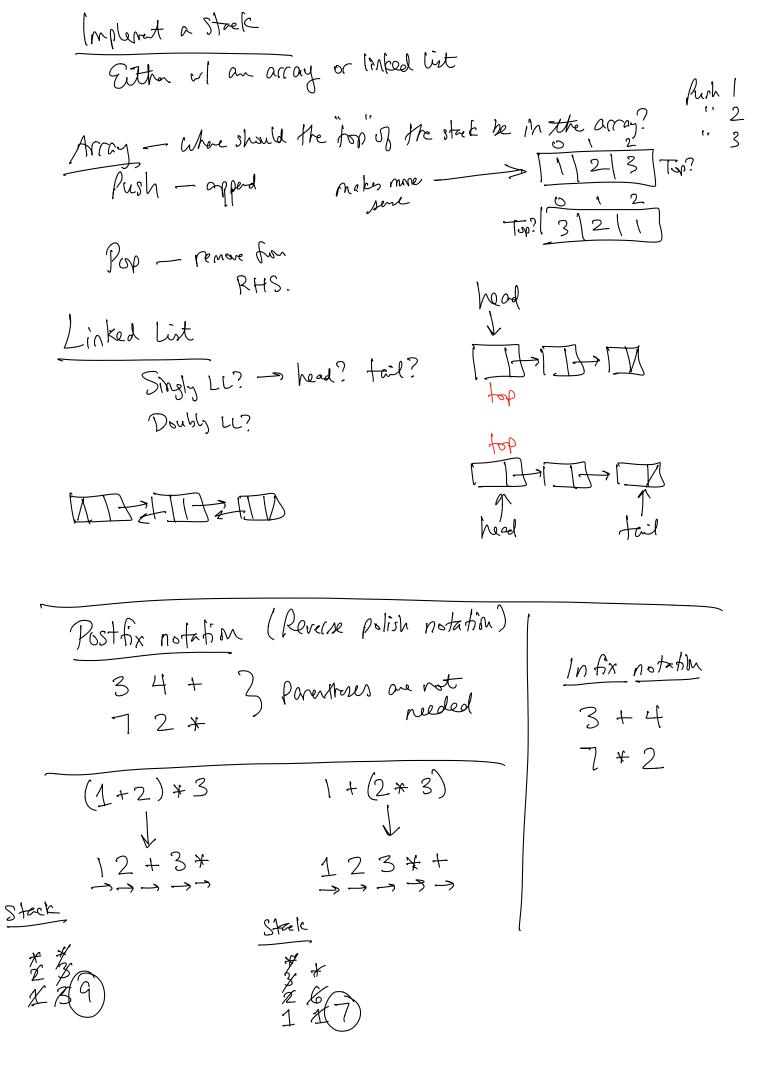
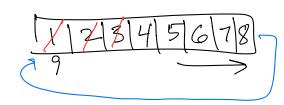
Fruit up linked lists
Stacks/Queues - ADTs
L restricted versions of lists> only allow insertion/deleting at one / both ends of the solutions.
Stack - ADT "top" of the stack  LIFO =  last in, first  inaccursible  Top Note to plates  inaccursible
Two main operations  Push - add a new item to the top of the stack.
Pop - removes (usually returns) the top item from the stack.
Other things: peek - check what the item is on the top of the stack, but don't remove it.
get size check if the stack is empty.
ALL OPERATIONS THAT MODIFY A STACK UNLY HAPPEN AT ONE END (TOP).
P Start w/ an erpty stack. STACK
Push 1  Push 2  Push 3  Pop — returns 3  Pop — return 2  Pop — returns 1

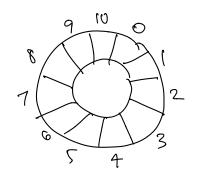






3 Z Zueve - all ikes are added at one end + removed from the other end.
enter  Printer greve  Printer greve  Enqueue: add antinto one end of the greve  Dequeue: remove a iten from the other end of the greve
Enquere 1  " 3  FIFO  first-in,  first-out  Nequere 1  3
Array-band-greve [12] [3]21?  eng 1  eng 2  deg  eng 3  deg  eng 4





linked-lists- queve

SLL? head? DLL? head+toil?

odd delete

SLL: delete add