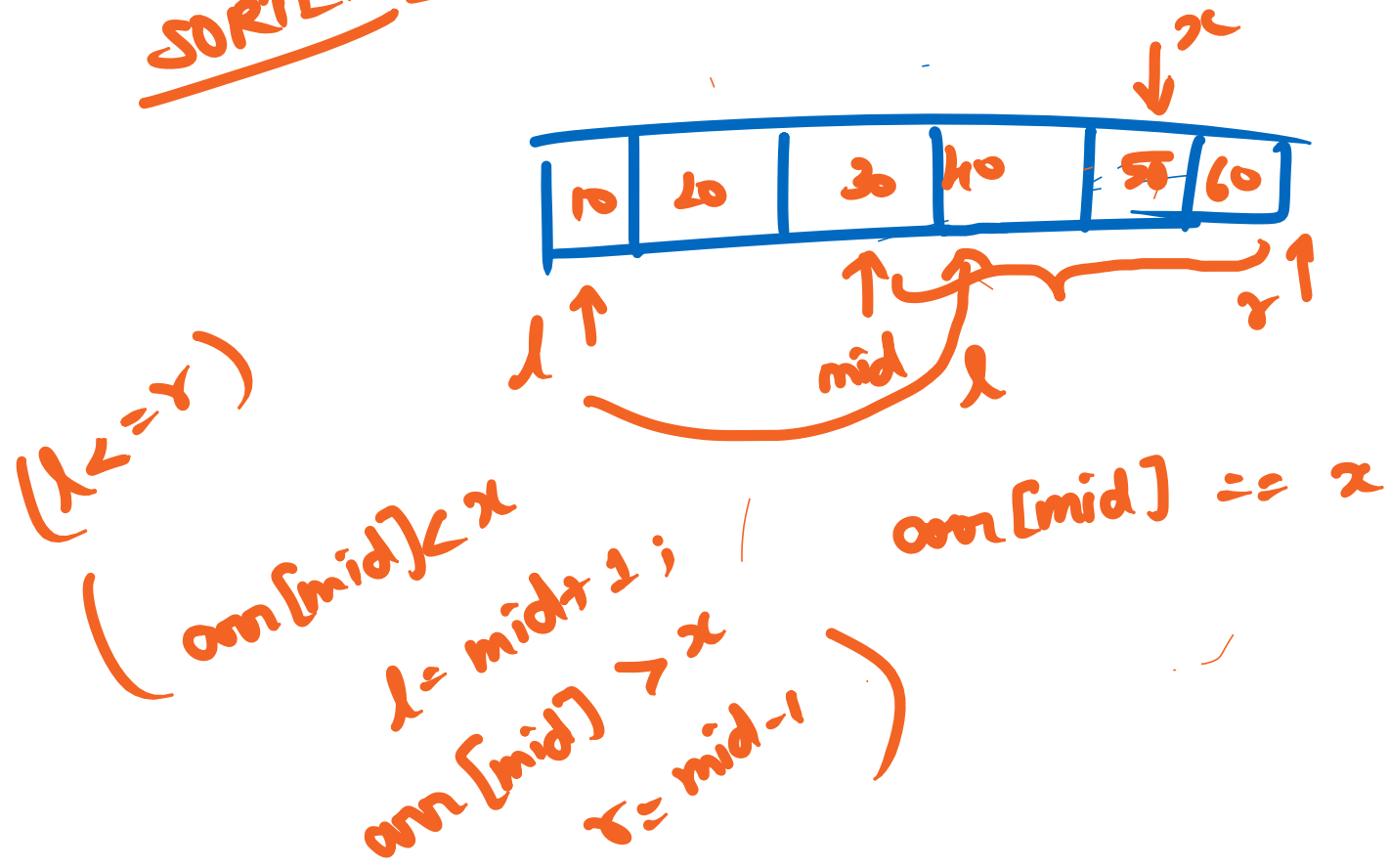


SORTED ARRAY

BINARY SEARCH



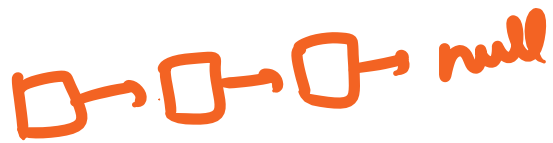
$$mid = \frac{l+r}{2} = \frac{0+5}{2} = 2$$

✓
 $30 < 50$

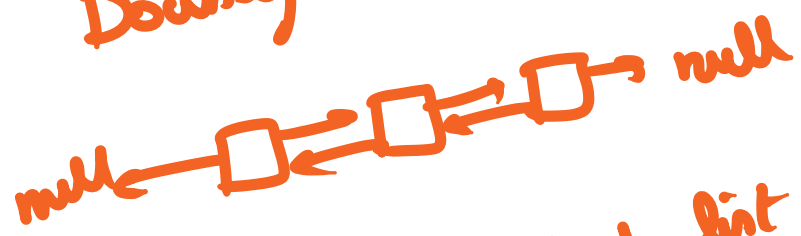
LINKED LIST

Linear Datastructure.

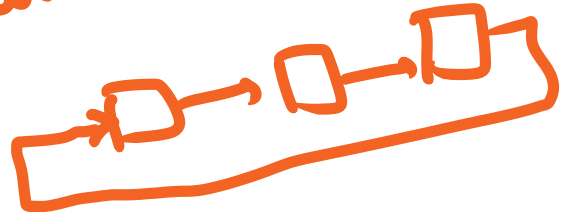
Singular linked list



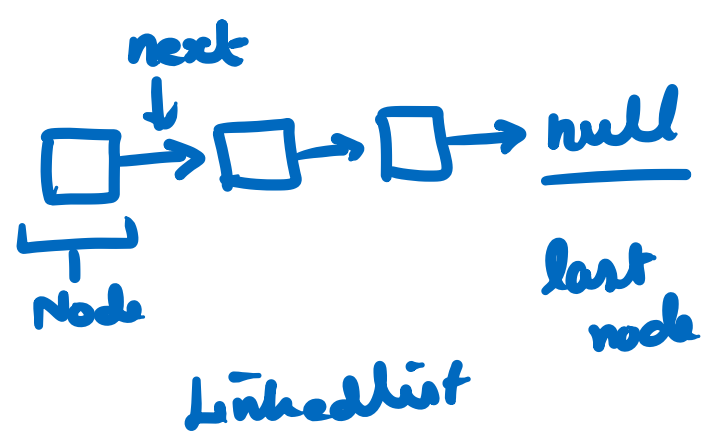
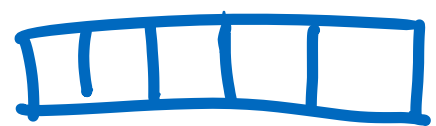
Doubly linked list



Circular linked list



Array



dynamic

