

OPERATIONS ON LISTS - REMOVE

- delete element at a **specific index** with `del (L[index])`
- remove element at **end of list** with `L.pop()`, returns the removed element
- remove a **specific element** with `L.remove(element)`
 - looks for the element and removes it
 - if element occurs multiple times, removes first occurrence
 - if element not in list, gives an error

all these
operations
mutate
the list

```
L = [2, 1, 3, 6, 3, 7, 0] # do below in order
L.remove(2) → mutates L = [1, 3, 6, 3, 7, 0]
L.remove(3) → mutates L = [1, 6, 3, 7, 0]
del(L[1])   → mutates L = [1, 3, 7, 0]
L.pop()     → returns 0 and mutates L = [1, 3, 7]
```