

## List 2D

→ Some more function

- remove
- pop
- sort

→ List 2D → Nested List

→ Function

① → pop :- Takes 'index' and removes element at 'index'

→ default value ⇒ -1

→ returns the popped element

② Remove :- removes first occurrence of element

③ index :- Gives the 'index' of first occurrence of input

④ Count :- returns count of element

⑤ reverse:- reverse full array

⑥ Sort :- Sorts array

a) .sort

b) Sorted ( )

→ reverse = True

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2D List:-

→ List inside list

→ Slice and index ✓

→ Loop/iterate ✓

Q ⇒ 

00	01	02
10	11	12
20	21	22

 ← row

↑  
column

r ⇒ 3

c ⇒ 3

Q [0]  $\Rightarrow$  [00 01 02]  
 $\uparrow$   
 list output

$\Rightarrow$  [ [1, 2, 3]  
 [2, 4, 5]  
 [4, 5, 6]  
 ]

transpose [ [1 2 4]  
 [2 4 5]  
 [3 5 6] ]

4 x 5  $\Rightarrow$  5 x 4  
 $\Rightarrow$  [ [0, 0, 0]  
 [0, 0, 0]  
 ]  
 1 1

