Lists in Memory X= 11st() X. append (7) x. append (4) x.append('ryan') < print X[2] del X[2] loyan' in X operation cost delete index append/add

index append/add delete 'in'

list 1 1 n n

set/dict N/A 1 1 1

[I'll explain this row on the next page.]

Sets in memory hash table: X = set()8 / bob/iyan' / X. add ('Iyan')) hash ('1yan') => 4874321 9 4874321 % 7 => 4 -X.add ('bob') ges in above (hash ('bob') = 74392 74312 % 7 => 3-X. add (8) Shash(8) => 8 8%7=1

How to delete!
How to query in? Thou finish the notebook