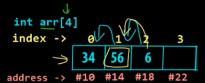


3) Insertion & deletion of elements (Cost)

ARRAYS



1) Insertion/Deletion at the Beginning -

$$O(n) = \underline{n}$$
 linear

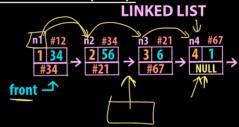
2) Insertion/Deletion at the End -

$$O(n) = 1$$
 (ortant

3) Insertion/Deletion at random nth postion -

$$\rightarrow 0(n) = 1$$

linear



1) Insertion/Deletion at the Beginning -

$$O(n) = 1$$
 -> Constant

2) Insertion/Deletion at the End -

$$0(n) = n \Rightarrow linear$$

3) Insertion/Deletion at random nth postion -

$$O(n) = N \rightarrow |inear$$

4) Memory Requirement & Memory Usage/Efficiency

ARRAYS

