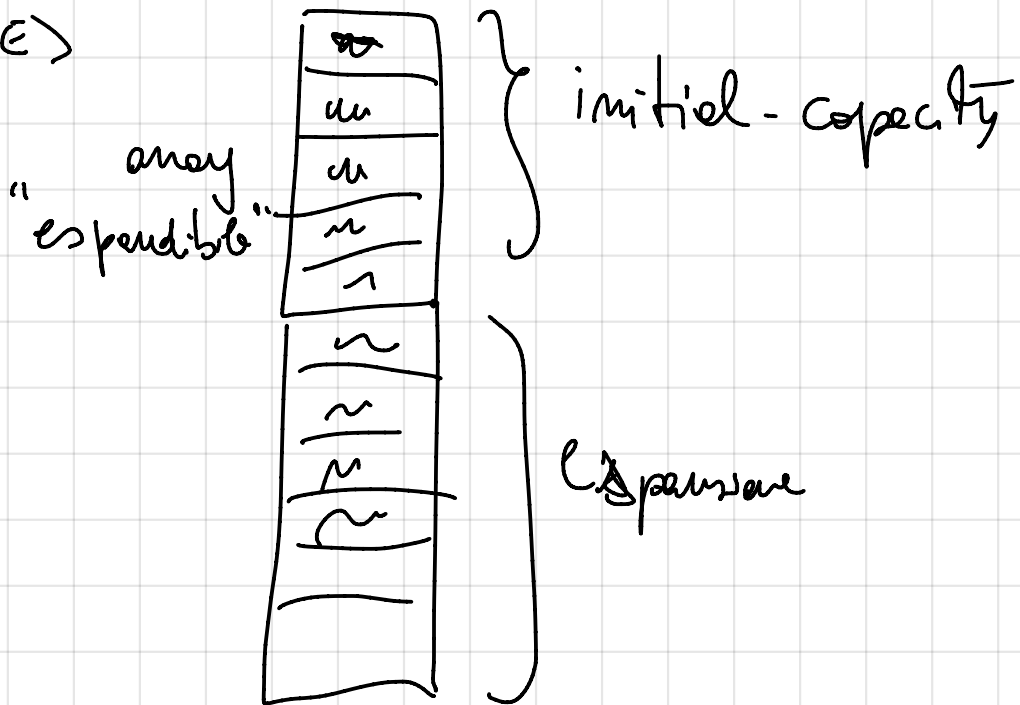


ArrayList(E)

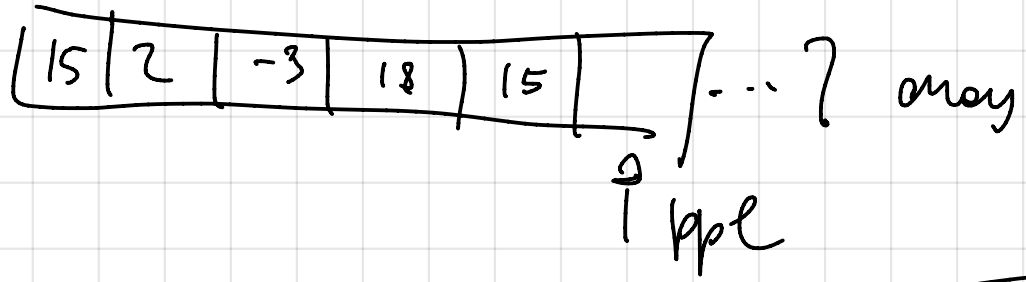


- 1) Tempo di accesso con indice  $O(1)$
- 2) Tempo di ricerca  $O(m)$
- 3) Tempo di cancellazione  $O(m)$  (Ricerca  $O(m)$  + Cancelleria  $O(m)$ )
- 4) Tempo di cancellazione con indice  $O(m)$  (Ricerca  $O(1)$  + Cancelleria  $O(m)$ )
- 5) Tempo di aggiunta  $O(1)$
- 6) Tempo di aggiunta con indice  $O(m)$

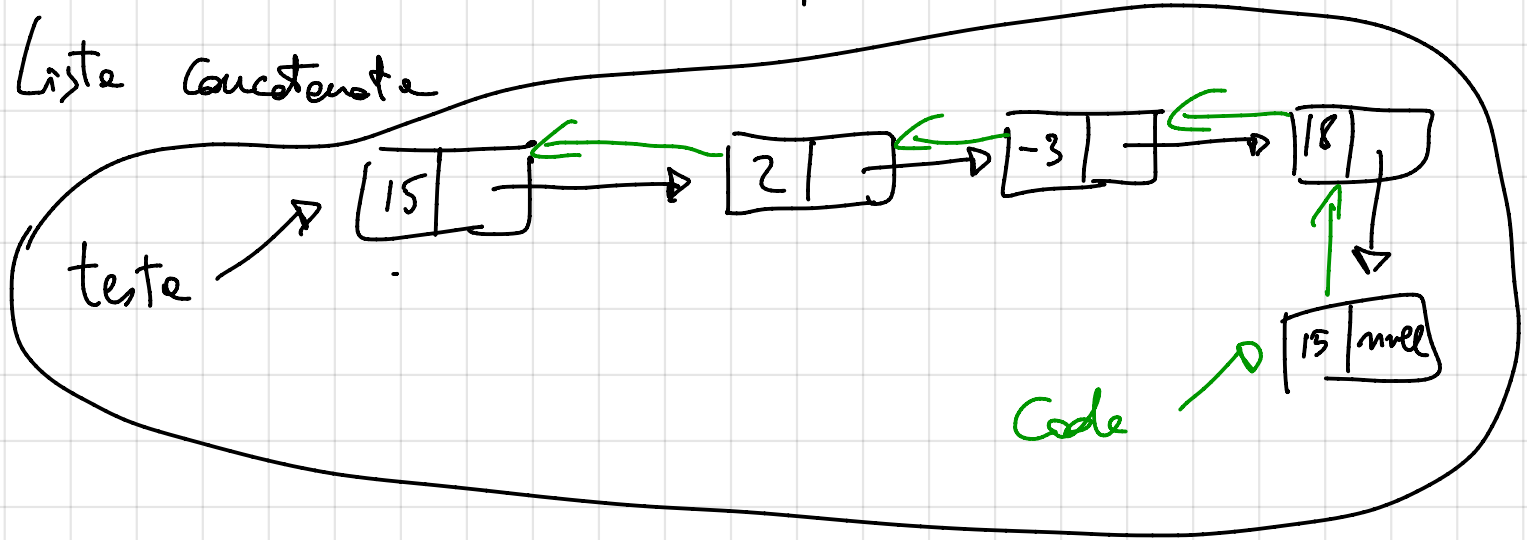
MyList(L)

Liste concatenate doppie

$L = \langle 15, 2, -3, 18, 15 \rangle$



Liste concatenate

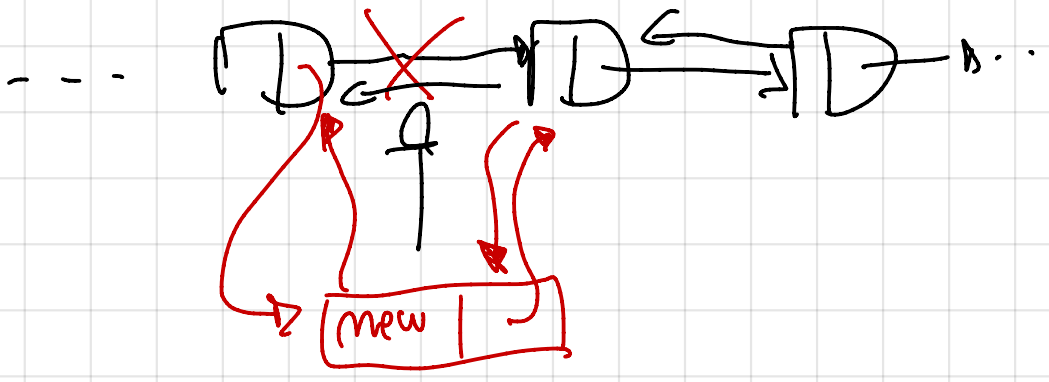


1) Tempo di accesso con indice  $O(\frac{n}{2}) = O(n)$

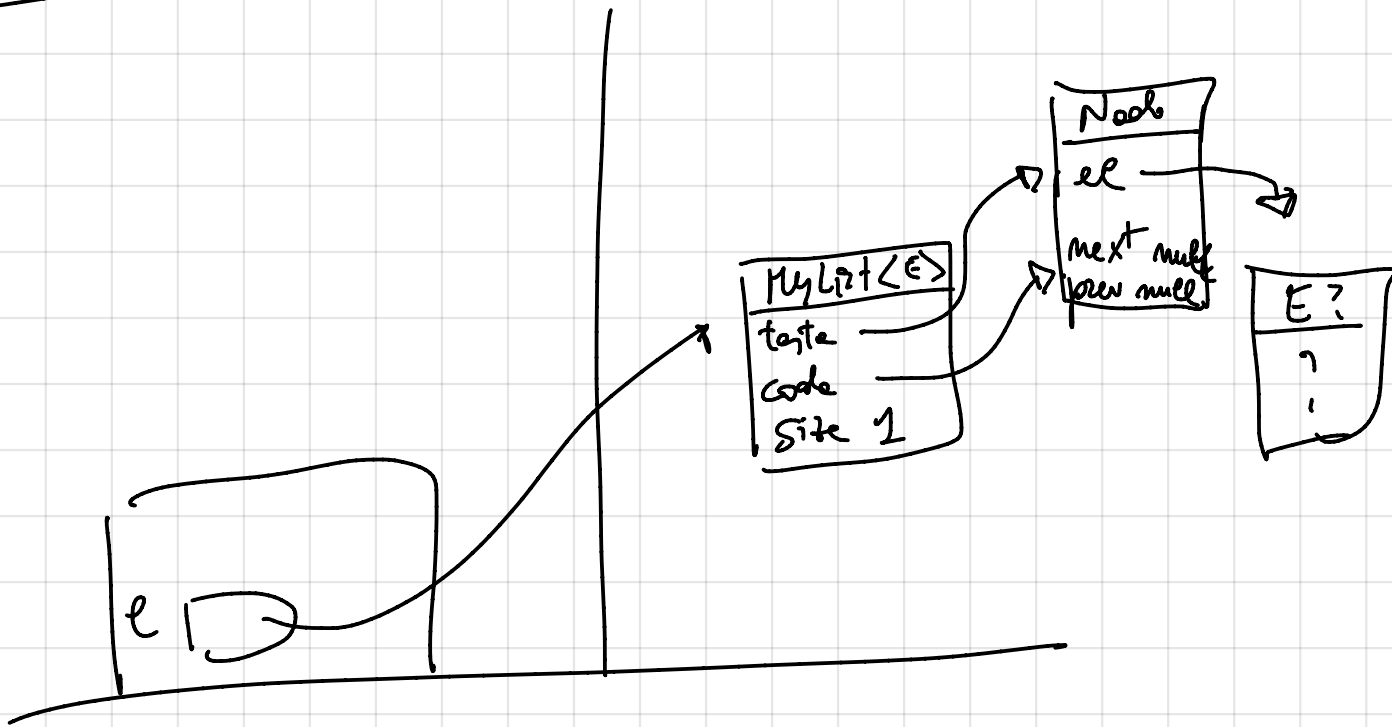
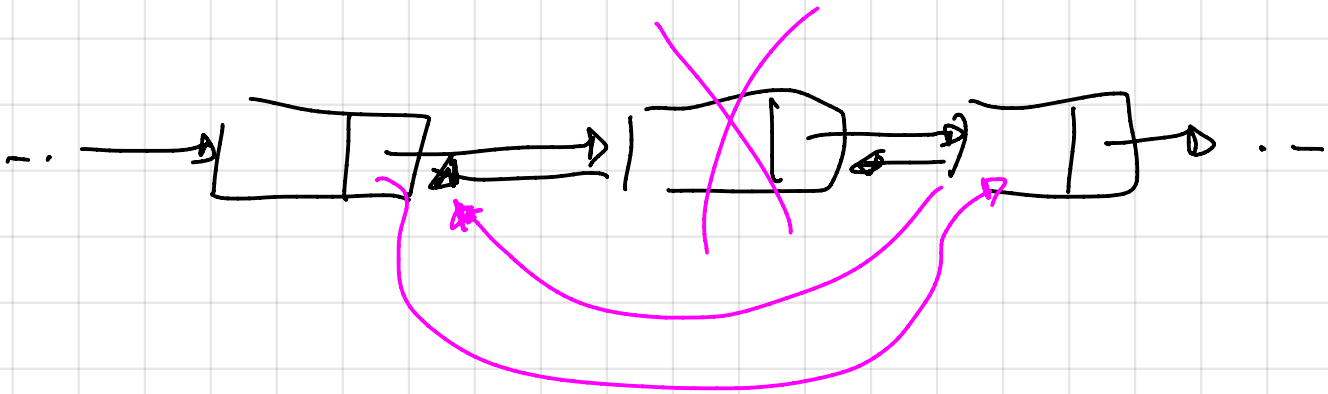
2) Tempo di aggiunta con indice = Tempo di ricerca +

$O(n)$  Tempo di inserimento

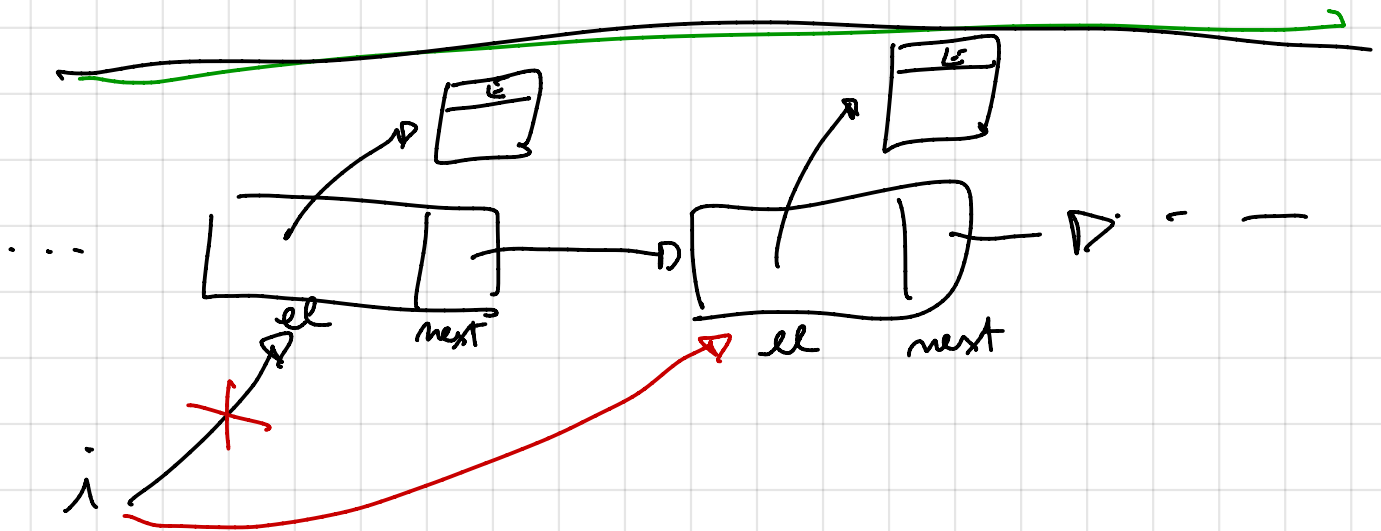
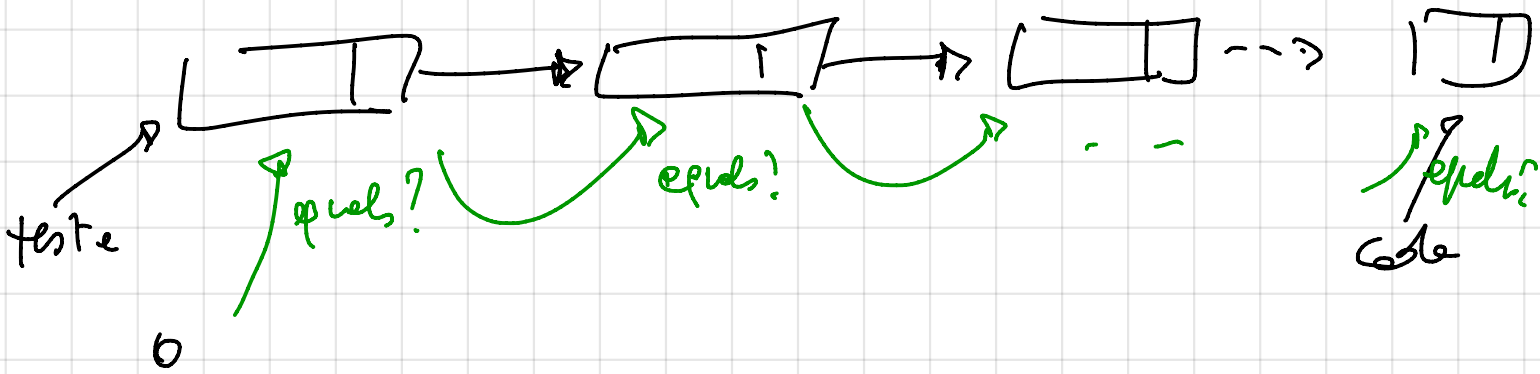
$O(1) = O(n)$



3) Cancellation du lien indicié = Temps de lecture +  $O(n)$   
 Temps de calcul  $O(1)$



# Reverse



o. epubs (i.el) se no, vedo avanti

$i = i.next;$

