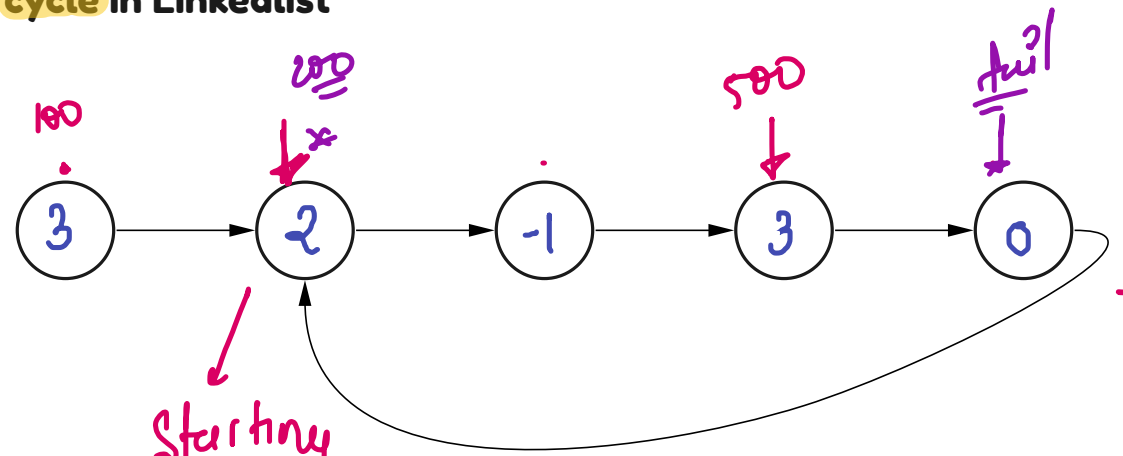
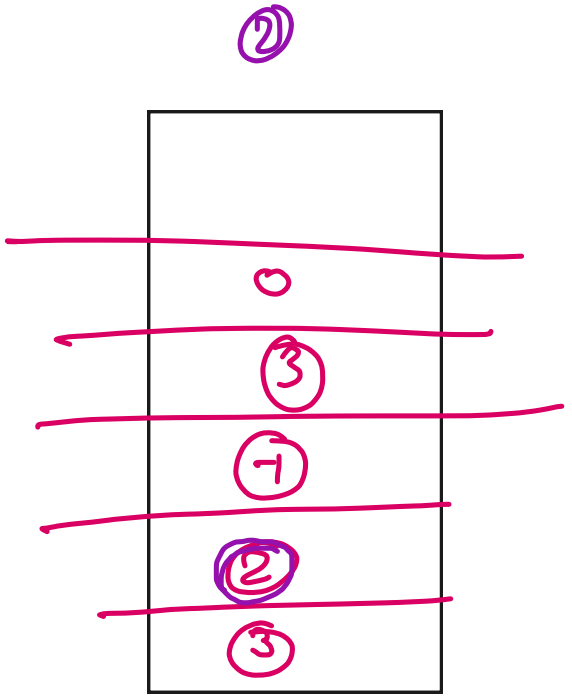
Detect a cycle in Linkedlist



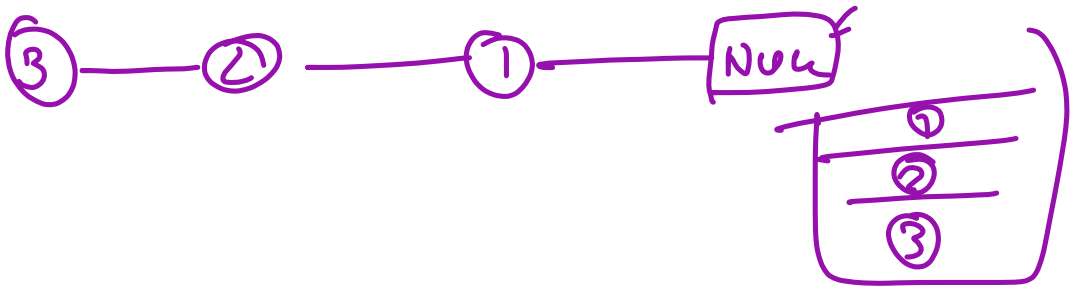
T: O(N)

S: O(N)



Hashtable - for O(1) access

(Extra space)

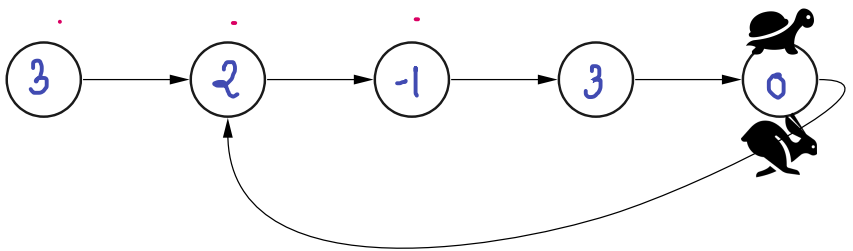


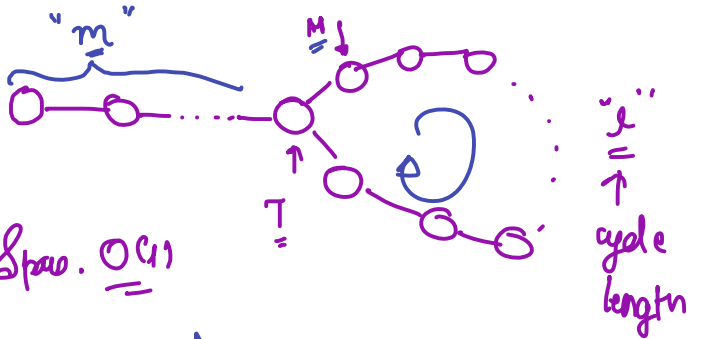
(optimized)

Detect a cycle in Linkedlist

slow

fast



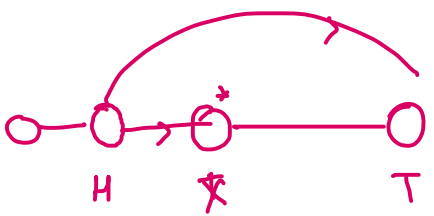


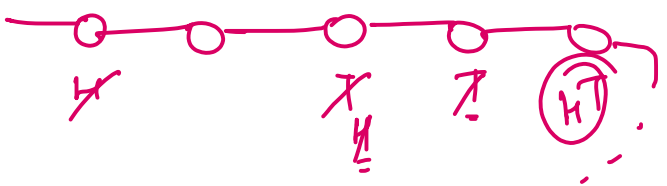
Space. O(1)

Time: O(N)

"m + l"

- total nodes



H → 1 step behind

it will catch up w/ T in 1 iteration