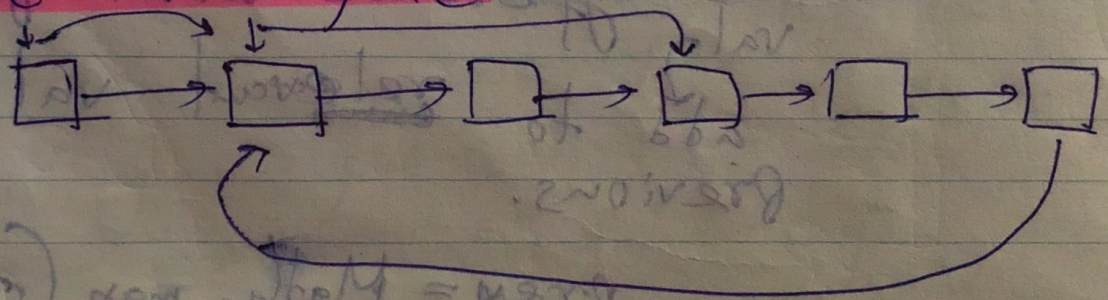


## \* Linked List Cycle



This method is called as Floyd's cycle finding algorithm.

use two pointers. One is moving ~~the~~ ~~sp~~ double the speed of other.

Time complexity  $\rightarrow O(n)$   
Space  $\rightarrow O(1)$

• Storing in a hash Map. & checking

Time complexity  $\rightarrow O(n)$   
Space  $\rightarrow O(n)$

• Changing an attribute flag of each node

Time complexity  $\rightarrow O(n)$   
Space  $\rightarrow O(1)$