Middle of Linked List

Given the head of a singly linked list, return the middle node of the linked list.

If there are two middle nodes, return the second middle node.

Example 1:

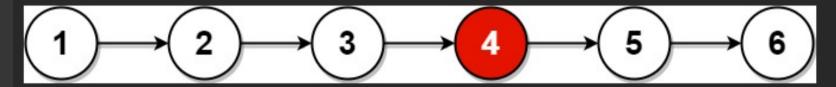


Input: head = [1,2,3,4,5]

Output: [3,4,5]

Explanation: The middle node of the list is node 3.

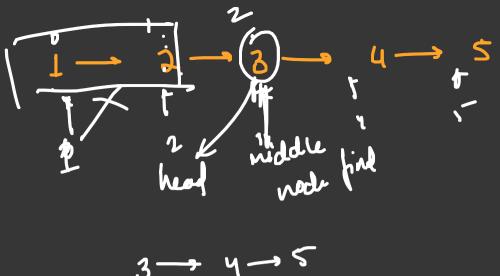
Example 2:

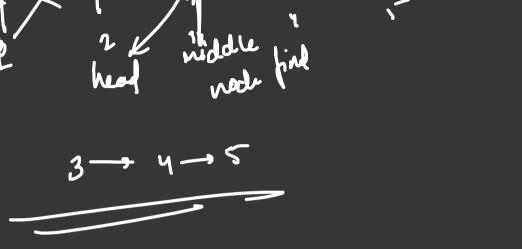


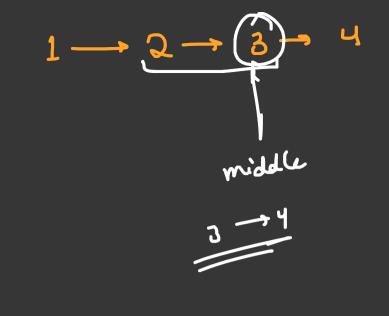
Input: head = [1,2,3,4,5,6]

Output: [4,5,6]

Explanation: Since the list has two middle nodes with values 3 and 4, we return the second one.

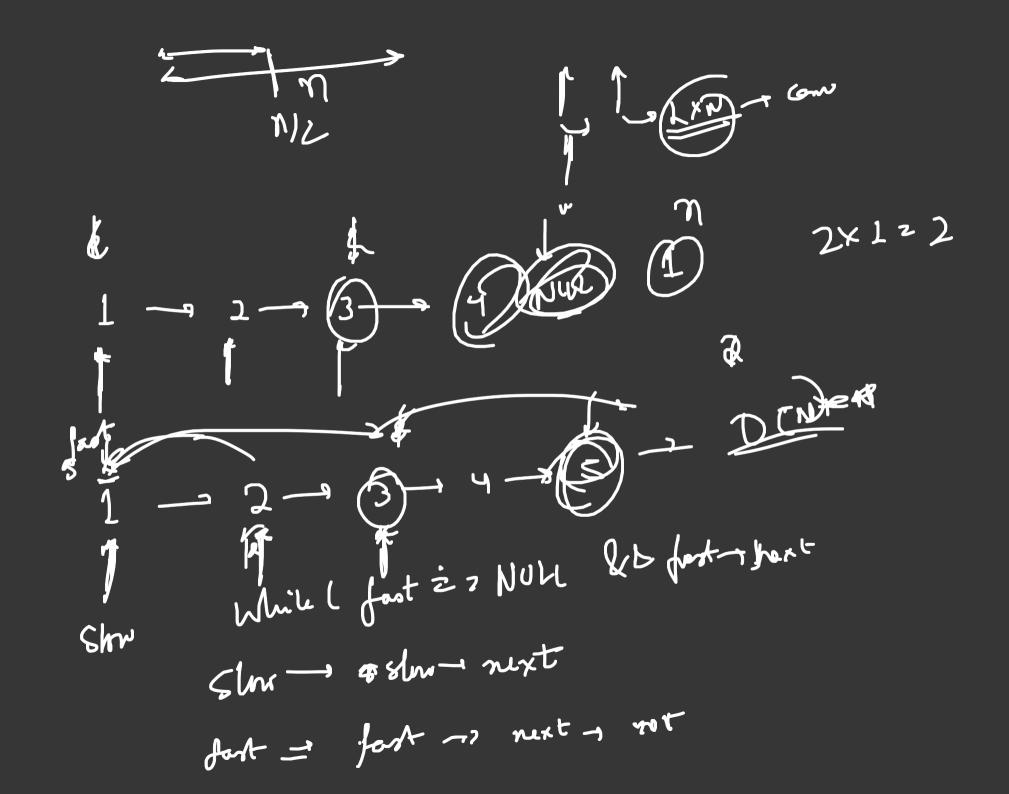






1 2 Nouve Approach: event = 0 while (temp /= NULL) - + luy th - 5/2 · 2/0 (N) west : 0 - 2

D(4+4/2) D (42) ?



Optimal Approach.

· We ver Torbise and have also in which we ver two posther show and slow z slow - wat - 1skp fast , fost + rixt - rixt - 25kp. l de is that when fast complex the left the slow will reach middle os fast is morry with 2 X sop of slow speed.

Psudo wdy

Node* slow? head, foot - head
while (foot or foot - next)

show = glow - head, fast = fost + next +next;

setus slow,

Appoher Way Using Space we seen put linked list in arrayof Node and five return middle node. len/2.