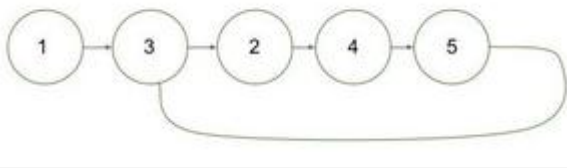


Find the first node of loop in linked list

Given a singly linked list of **N** nodes. Find the first node of the loop if the linked list has a loop. If a loop is present return the node data of the first node of the loop else return -1.

Example 1:

Input:



Output: 3

Explanation:

We can see that there exists a loop in the given linked list and the first node of the loop is 3.

Example 2:

Input:



Output: -1

Explanation: No loop exists in the above linked list. So the output is -1.

Your Task:

The task is to complete the function **findFirstNode()** which contains reference to the head as only argument. This function should return the value of the first node of the loop if the linked list contains a loop, else return -1.

Expected Time Complexity: $O(N)$

Expected Auxiliary Space: $O(1)$

Constraints:

$$1 \leq N \leq 10^5$$

$$1 \leq \text{Data on Node} \leq 10^6$$

$$0 \leq \text{pos} \leq N$$