reetcode.

EASY ! -

benary sinked Lise to Integer conversion:

PROBLEM :-

to your need of singly 11.

20 node value o or1.

30 linked list holds vinary rep?

4. MSB rat mead.

5. Flask: Konvert to decimal value.

6. By: 0 >0 >1 =5

sol ? Bit manupulation 2-

TO CONCEPT:

sun to left shift and or operation.

2. METHOD:

1. Store with result =0. ( evenous 000)

2. 1 overives

1) Left shift awarent Hes. veg 1.

( eg: - 000 < 1 -- 00 p)

2. Or with new lit (000 1EL) ---> 00 L)

3. vient (eq:0 arrives) 1. Lett snift, by 1

001 << 1 -> 010

2) or operator wid new bit

4. Meat 1 avours

1) 010 
$$<<1$$
  $\rightarrow$  \$100.

2) OR with new bit

100
1
101

## STEPS:

- 1. fritialize result 20.
- 2. Sterate inrough linked sist from head.
  - 30 for each mode:
- 1. result & (sesself << 1) | headoval 2. mon to next mode.
- 4. return result.

TC: O(n) single Draversal.