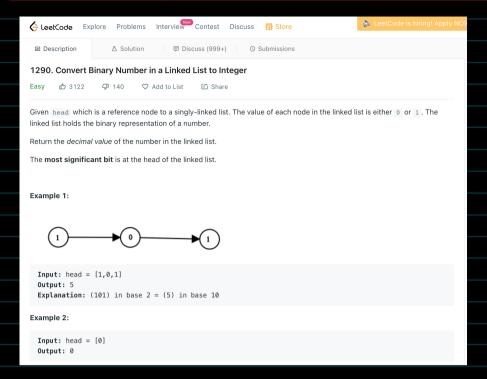
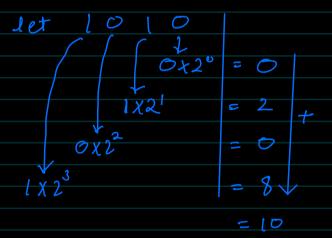
Convert binary number in a linked list to Integer



First we need to see How to convert Binory to decimal



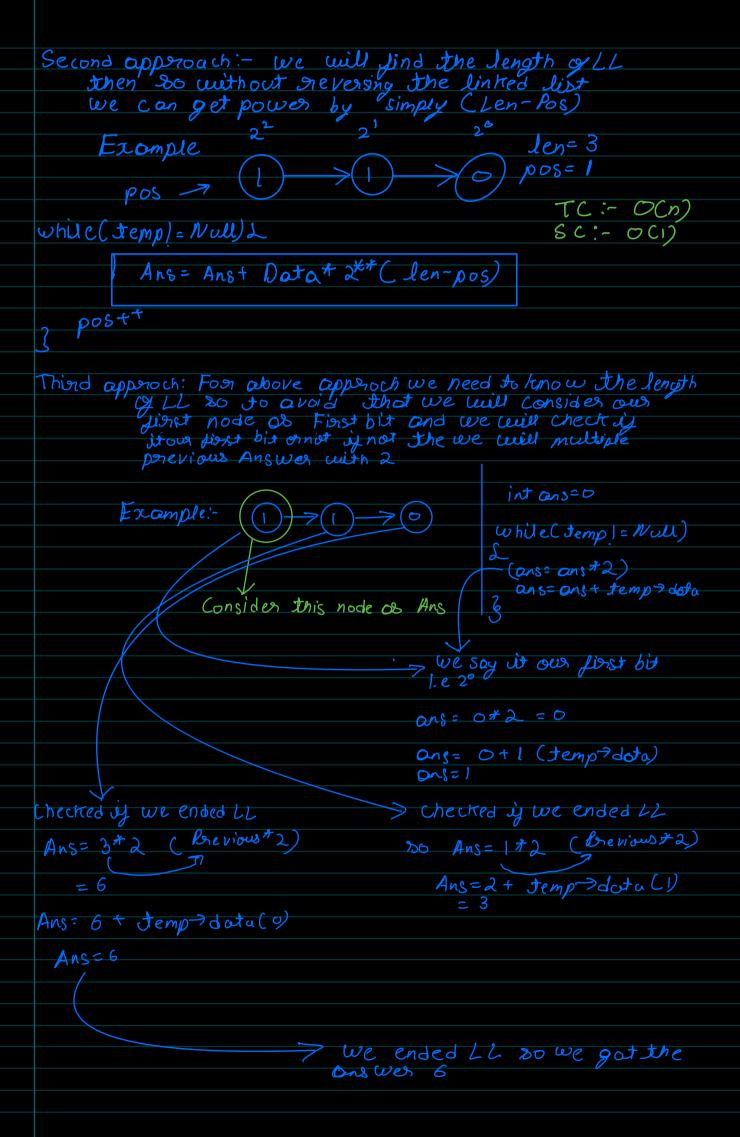
(D-70-7 D

Since we nead know Left to Right

First approach: we need to reserve the linked list and simply use our formula to convert into decimal

Foomule intons = 0, i=0; while (temp!= Null)

ans=ans+(Dota* 2**i) (Bosic formula)



Optimal code

```
class Solution {
11 +
      public:
12
          int getDecimalValue(ListNode* head) {
13 7
               int ans=0;
14
               ListNode* temp=head;
15
               while(temp!=NULL){
16 +
17
                   // ans=ans*2;
                   ans=ans*2+temp->val;
18
                   temp=temp->next;
19
20
               return ans;
21
           }
22
23
      };
```

