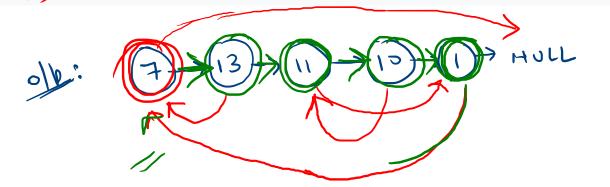
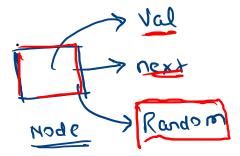
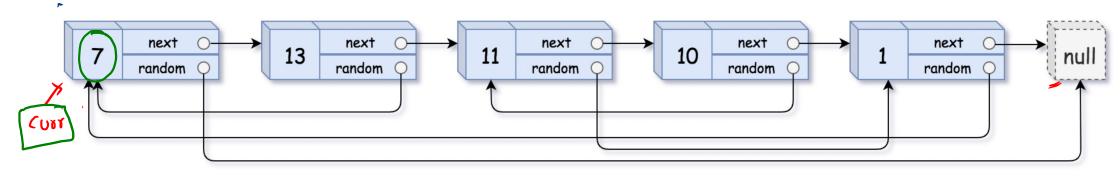


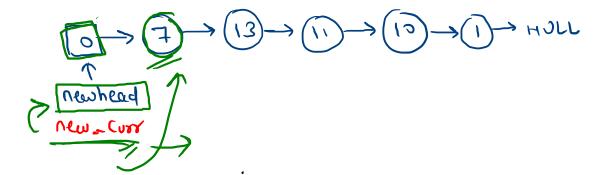
Input: head = [[7,null],[13,0],[11,4],[10,2],[1,0]]
Output: [[7,null],[13,0],[11,4],[10,2],[1,0]]







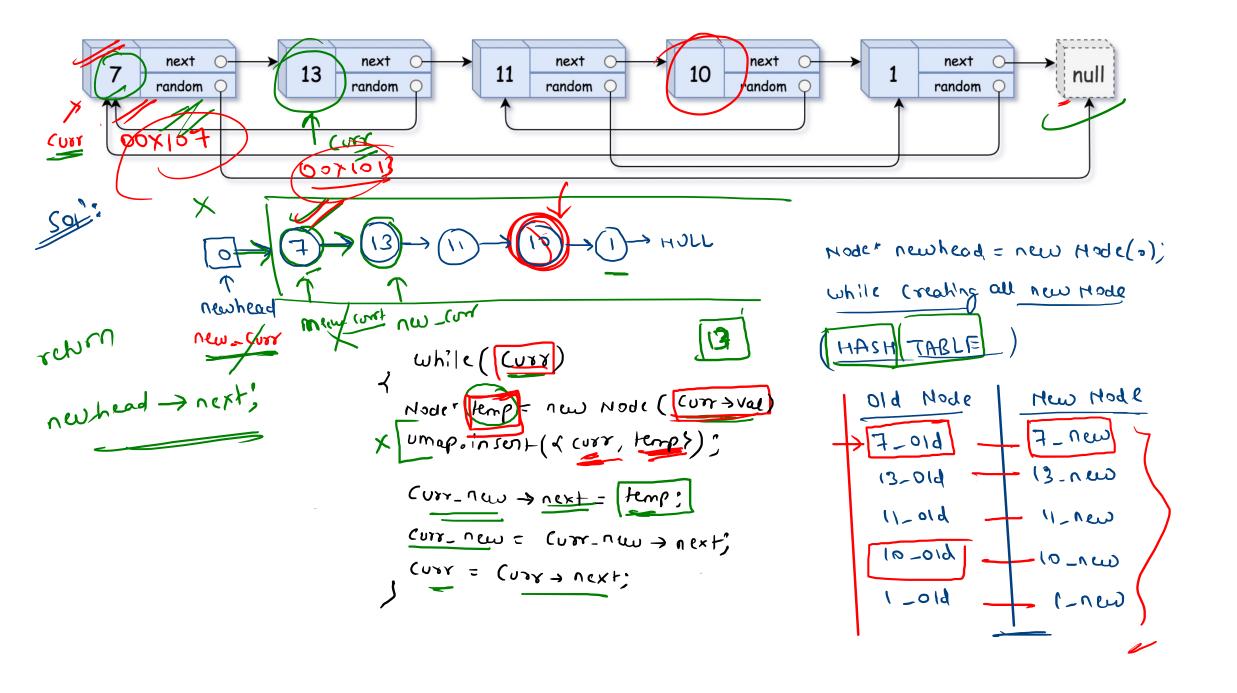
Sol.

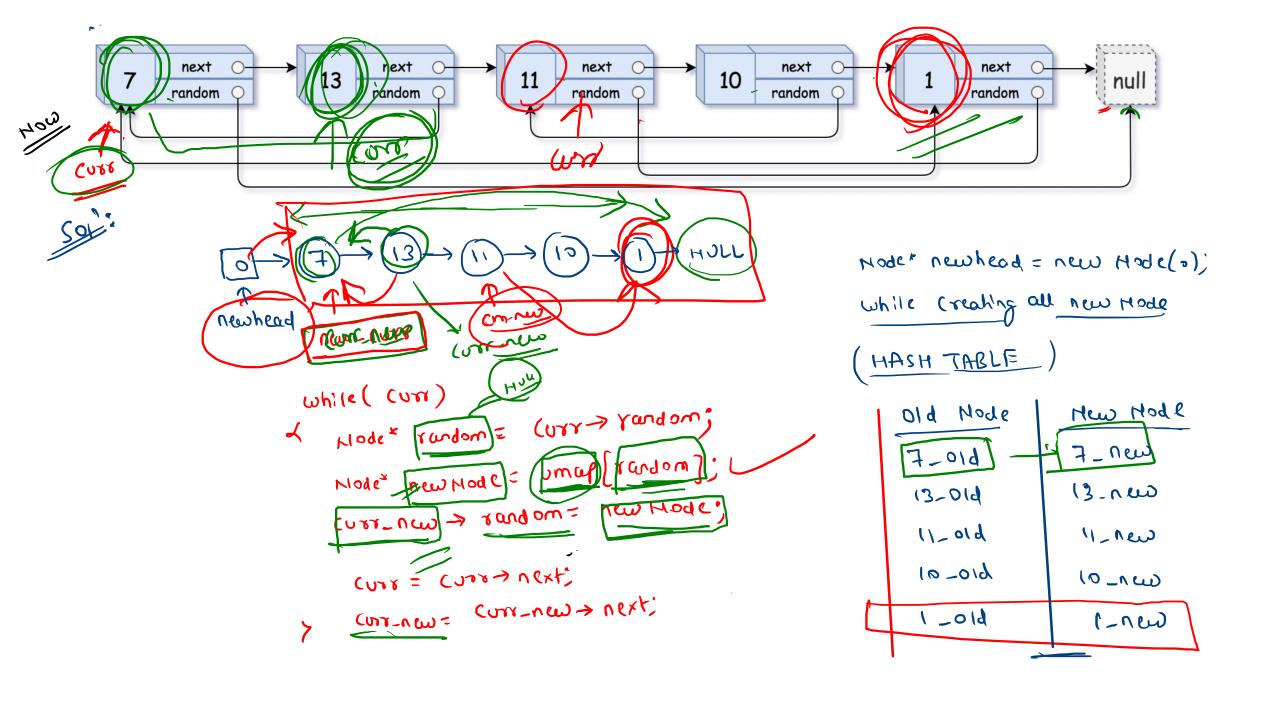


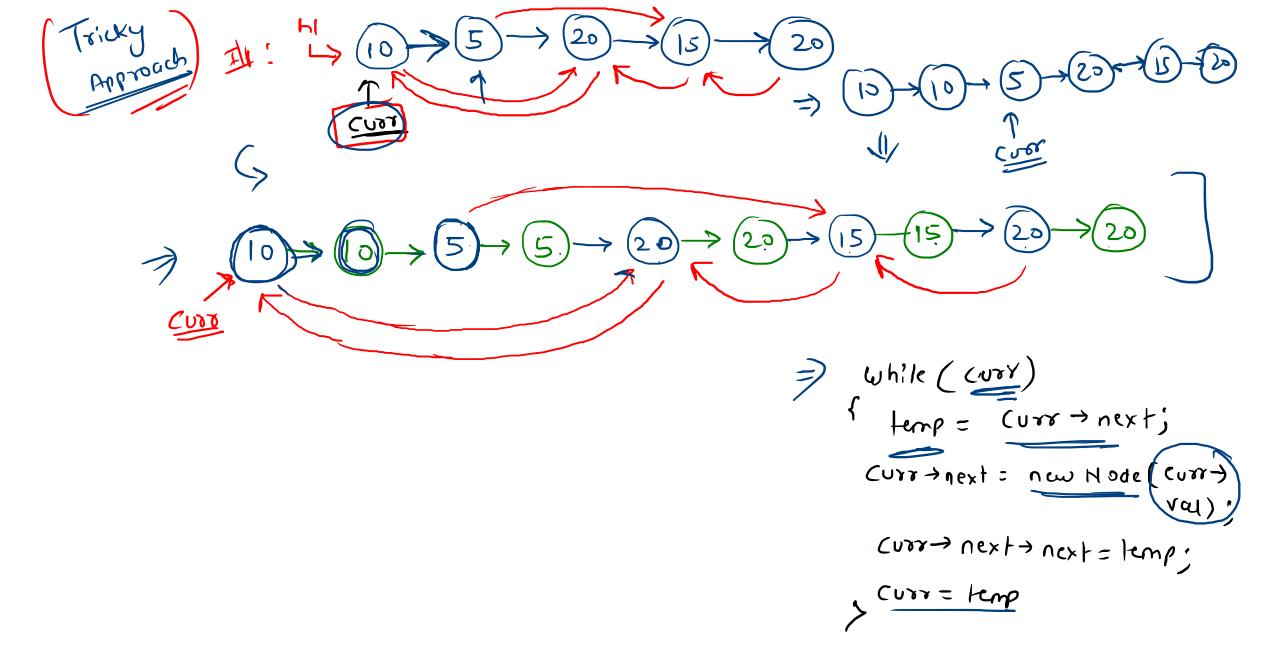
mode renterd = nem Hode(.)

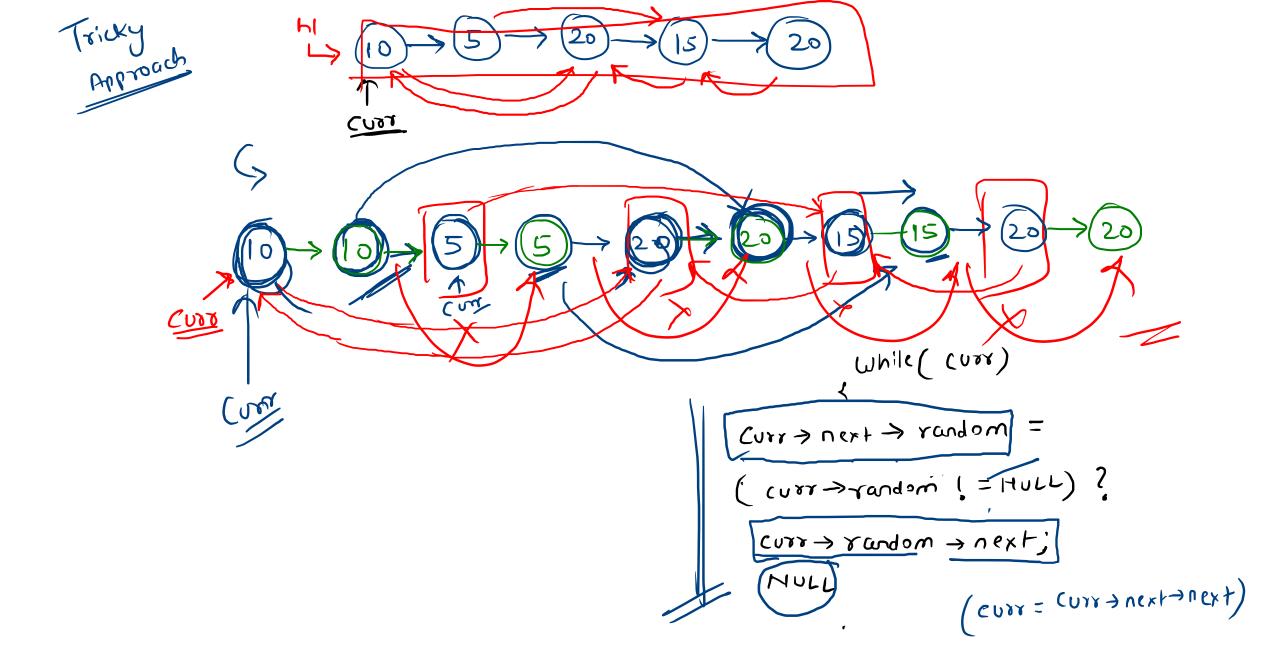
(HASH TABLE

old Node	New Hode			
7-010	7_ new			
13-014	(3-000			
11-01d	11_ New			
10-012	(٥ _ ۸ دىن			
1 -019	(-new			









```
class Solution {
public:
    Node* copyRandomList(Node* head) {
        if(head == NULL) return head;
        Node* curr = head;
        while(curr){
            Node* temp = curr->next;
            curr->next = new Node(curr->val);
            curr->next->next = temp;
            curr = temp;
        curr = head;
        while(curr){
            curr->next->random = (curr->random != NULL) ? curr->random->next : NULL;
            curr = curr->next->next;
        curr = head->next;
        while(curr and curr->next){
            curr->next = curr->next->next;
            curr = curr->next;
        return head->next;
};
```



Wrong Answer Runtime: 3 ms

Your input [[7,null],[13,0],[11,4],[10,2],[1,0]]

Next pointer of node with label 7 from the original list was modified. Output

Expected [[7,null],[13,0],[11,4],[10,2],[1,0]]