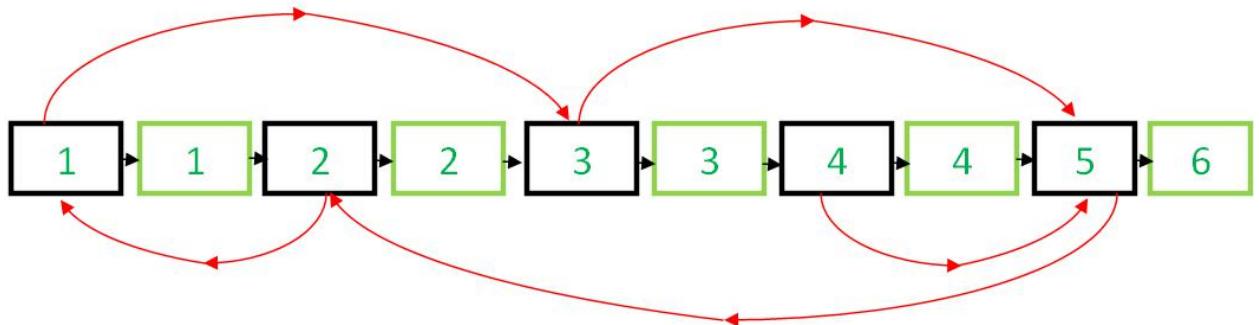


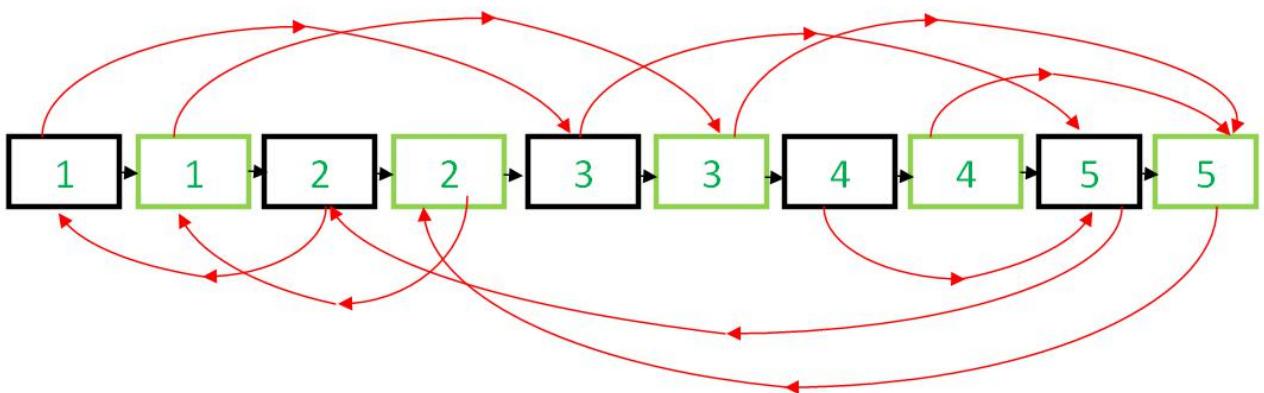
- Create the copy of node 1 and insert it between node 1 & node 2 in original Linked List, create a copy of 2 and insert it between 2 & 3. Continue in this fashion, add the copy of N after the Nth node



- Now copy the random link in this fashion

```
original->next->random= original->random->next; /*TRAVERSE TWO NODES*/
```

- This works because original->next is nothing but copy of original and Original->random->next is nothing but copy of random.



- Now restore the original and copy linked lists in this fashion in a single loop.

```
original->next = original->next->next;
copy->next = copy->next->next;
```

- Ensure that original->next is NULL and return the cloned list

