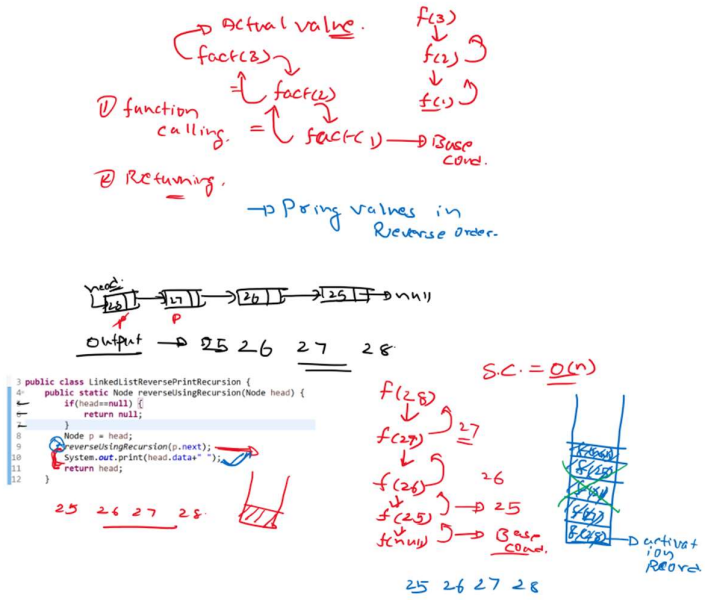
Print Reverse order of a LinkedList using Recursion :-

```
public static Node reverseUsingRecursion(Node head) {
            if(head==null) {
                  return null;
            }
            Node p = head;
            reverseUsingRecursion(p.next);
            System.out.print(head.data+" ");
            return head;
      }
      public static void main(String[] args) {
            Node head = new Node(28);
            Node node27 = new Node(27);
            Node node26 = new Node(26);
            Node node25 = new Node(25);
            head.next = node27;
            node27.next = node26;
            node26.next = node25;
            reverseUsingRecursion(head);
      }
```

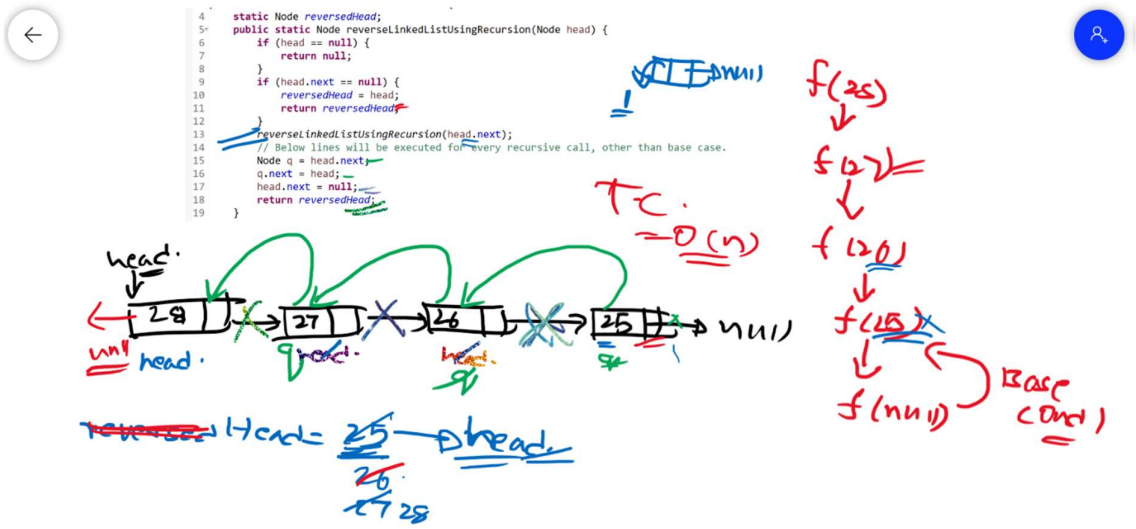
Explanation: -



Using Recursion: -

```
public class LinkedListReverseRecursion {
	static Node reversedHead;
	public static Node reverseLinkedListUsingRecursion(Node head) {
		if (head == null) {
			return null;
		}
		if (head.next == null) {
			reversedHead = head;
			return reversedHead;
		}
		reverseLinkedListUsingRecursion(head.next);
		// executed for every recursive call, other than base case.
		Node q = head.next;
		q.next = head;
		head.next = null;
		return reversedHead;
	}

	public static void main(String[] args) {
		Node head = new Node(28);
		Node node27 = new Node(27);
		Node node26 = new Node(26);
		Node node25 = new Node(25);
		head.next = node27;
		node27.next = node26;
		node26.next = node25;
		Node reversedLinkedList = reverseLinkedListUsingRecursion(head);
		LinkedListTraversal.linkedListTraversal(reversedLinkedList);
	}
}
```



Hacker Rank Link: -

https://www.hackerrank.com/challenges/reverse-a-linked-list/problem

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