

5. list → [1] → [3]

6. list → [1] → [3] → [2]

7. list → [4] → [3]

8. list → [1] → [2]

9. list.next.next = new ListNode(3);

10. list = new ListNode(3, list);

11. list.next.next = temp;

12. temp = list;

list2 = list.next.next;

list = list.next

list.next = null

temp.next = list2

list2 = temp;

13. ~~list~~ temp = list;

list = list.next;

temp.next = list.next

list.next = temp

14. list = temp.next;

temp.next = list.next.next;

list.next.next = temp;

temp.next.next = list.next;

list = list.next;

list = list.next;

list = list.next;

list = list.next;

list = list.next;

15. list = temp.next;

list.next = list.next.next;

list.next.next = temp

list.next.next.next = list.next.next.next

16. temp = list2.next.next;

list = temp;

list.next = new ListNode(1);

list.next.next = list2;

list2 = list2.next;

list.next.next.next = null

17. list = list.next.next.next;

list.next = list.next;

list.next.next = null;

list2 = list.next.next;

list2.next = list

list2.next.next = null;

22. Current = list;

while (current != null) {

current.value = 42;

current = current.next;

}

23. temp = list;

while (temp.next != null) {

temp = temp.next;

temp.value = 42;

}

24. newNode = new node();

newNode.value = 42;

newNode.next = null

temp = list;

while (temp.next != null)

temp = temp.next;

temp.next = newNode;

}