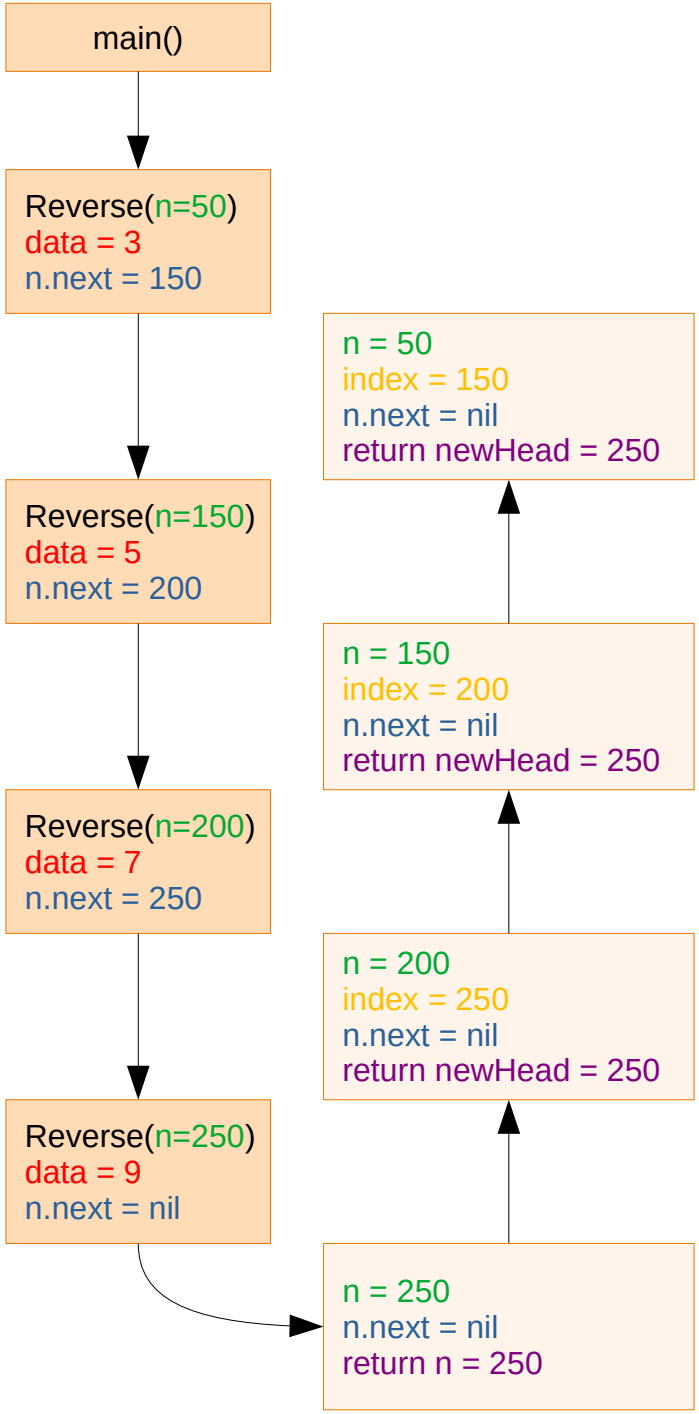
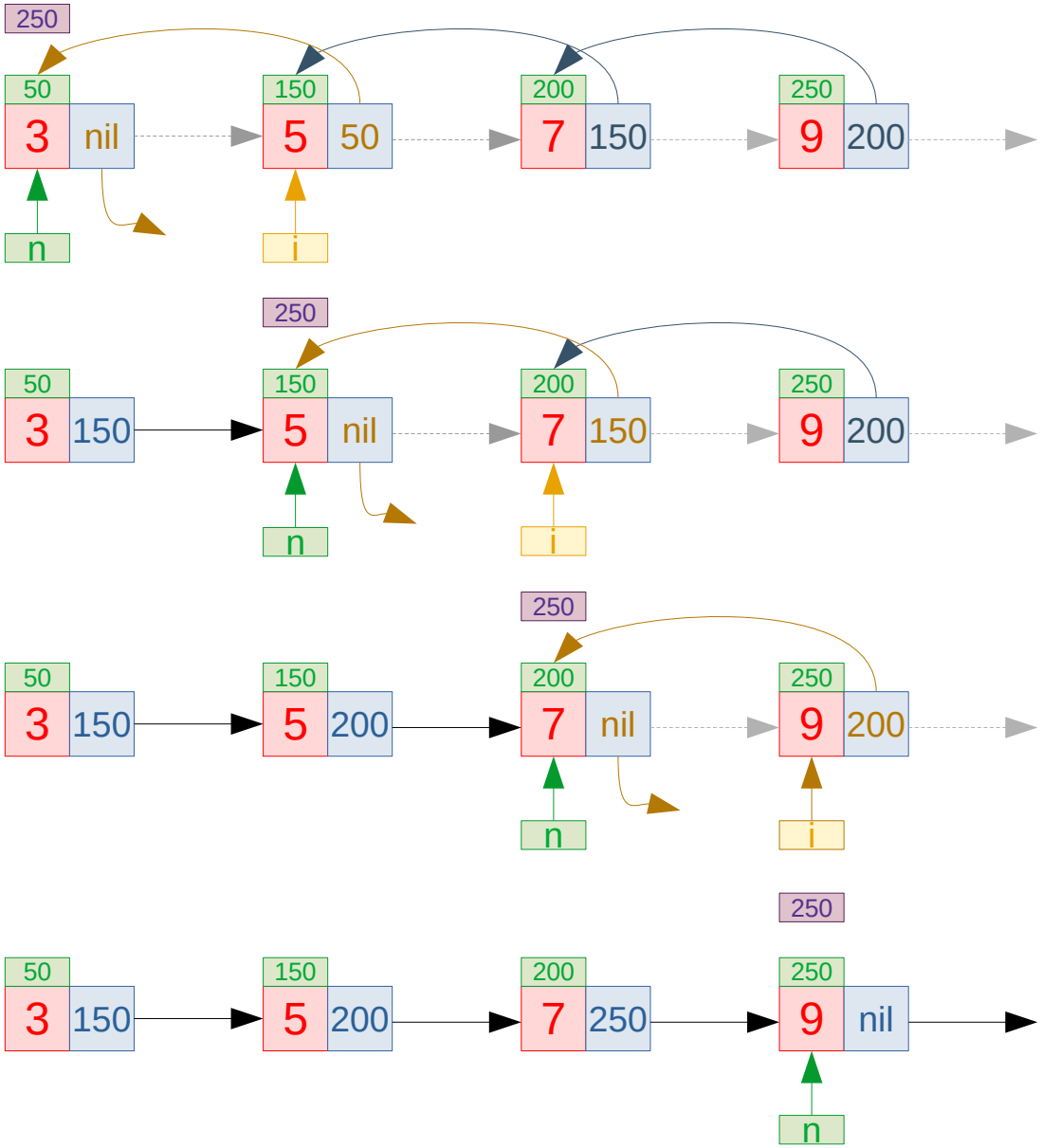

main()
Reverse(n=50)
data = 3
n.next = 150
Reverse(n=150)
data = 5
n.next = 200
Reverse(n=200)
data = 7
n.next = 250
Reverse(n=250)
data = 9
n.next = nil
n = 250
n.next = nil
return n = 250
n = 200
index = 250
n.next = nil
return newHead = 250
n = 150
index = 200
n.next = nil
return newHead = 250
n = 50
index = 150
n.next = nil
return newHead = 250


250
50
3
nil
150
5
50
200
7
150
250
9
200
n
i
250
50
3
150
150
5
nil
200
7
150
250
9
200
n
i
250
50
3
150
150
5
200
200
7
nil
250
9
200
n
i
250
50
3
150
150
5
200
200
7
250
250
9
nil
n