

Before

Some as above for add first

remove first

node b's previous

now points to

null

 $R [6.3 O(n^2), O(n^2)$

R 16.4 O(n), O(n)

R16.86 O(n)

R 16.16

a) much more efficient, very efficient a chiality. Whist complexity is 0(9) or something b) need to store an array for every 10 nodes which must be made that updated and so forth

R16.20 O(1), O(K),

R16.21 O(n) fore last nethods, O(1) for first methods; O(1), O(1); O(1), O(1)

R16.24 Pop elements from one stack then push onto the other: O(n)

R16.25 Split the minutes in half then put each through the gues: O(n)