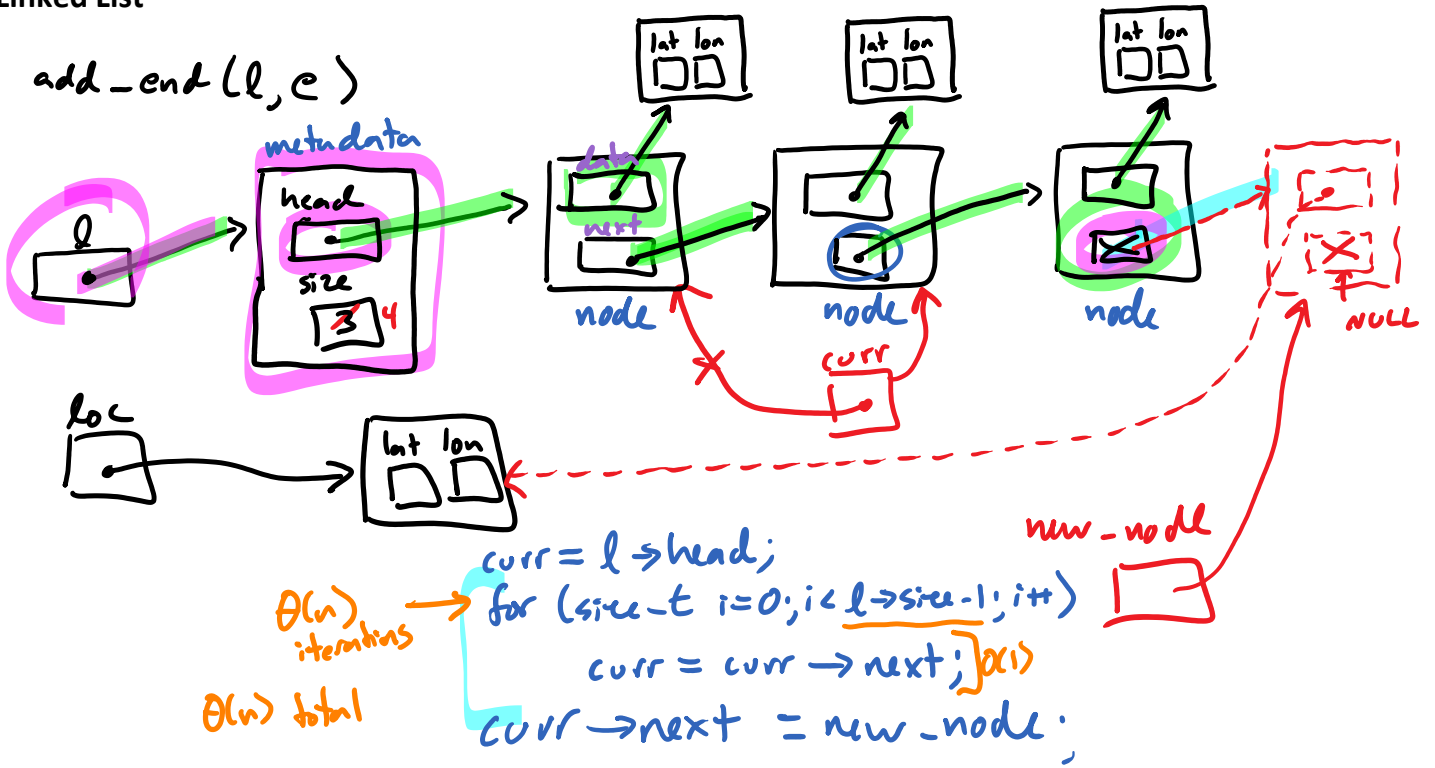
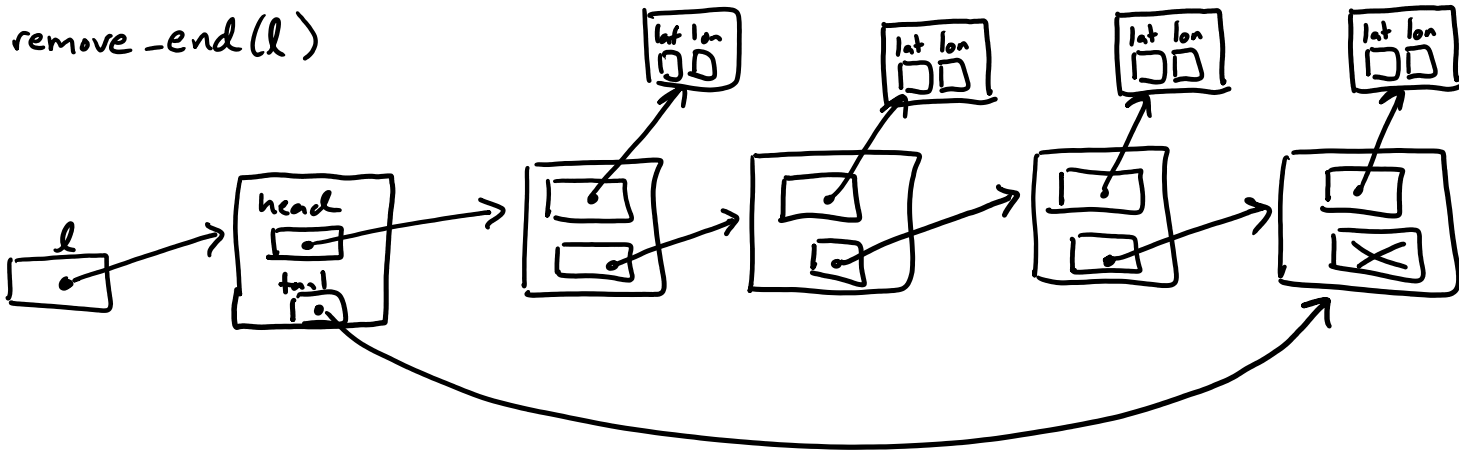


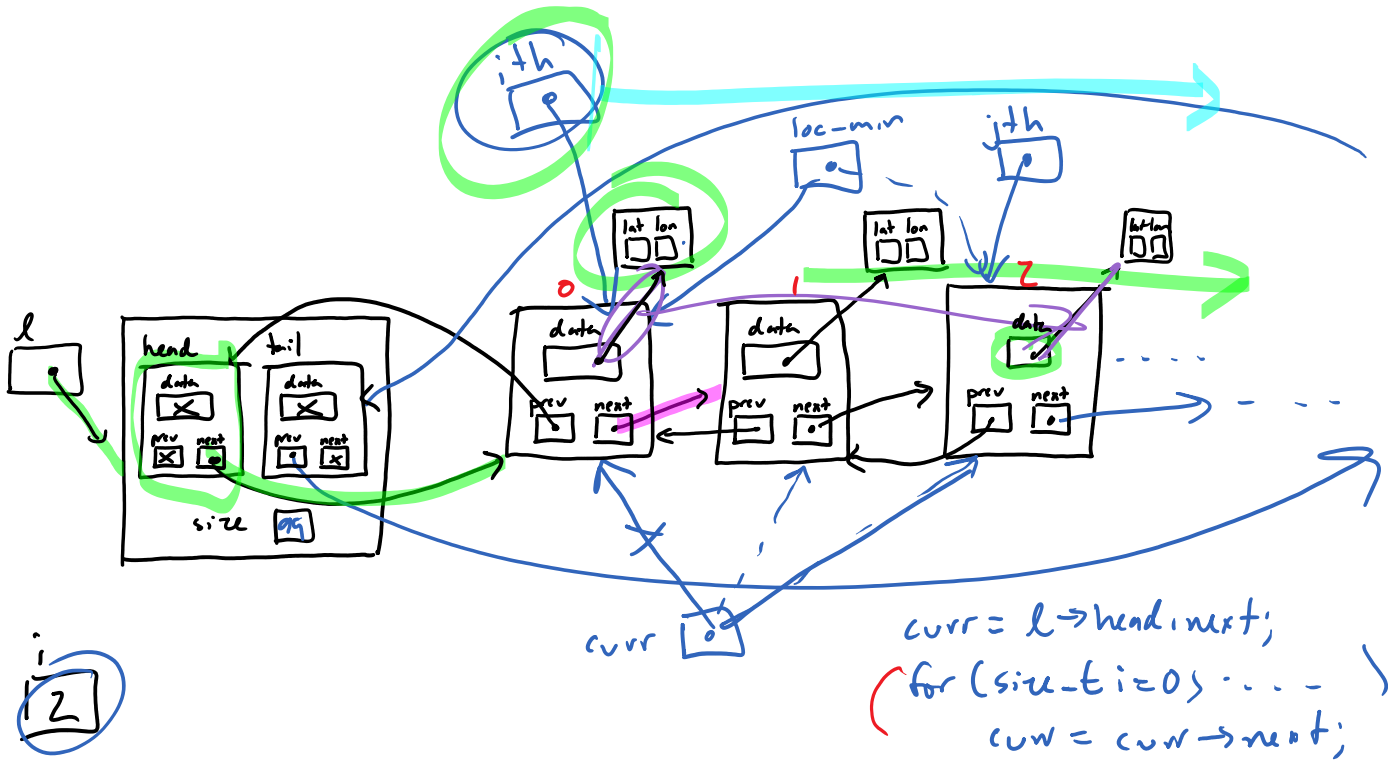
Linked List

add_end(l, e)



remove_end(l)

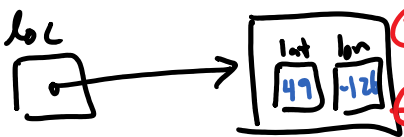
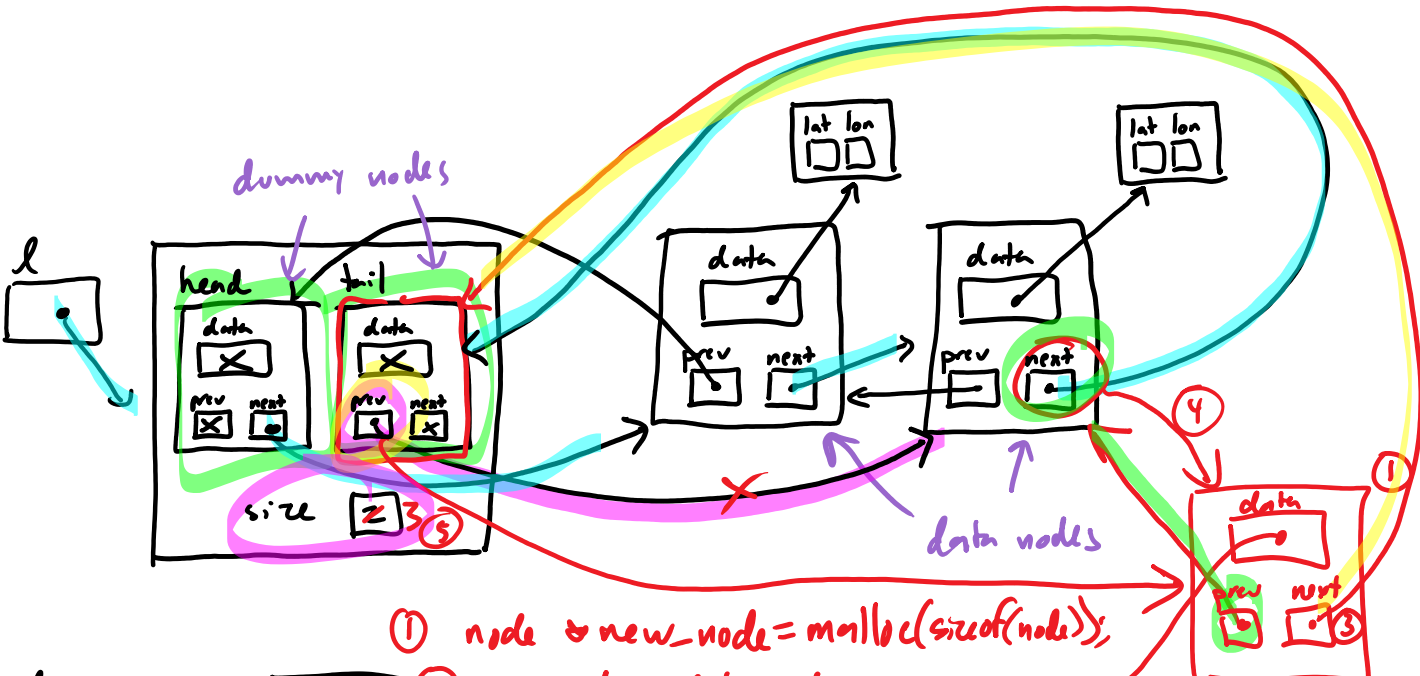
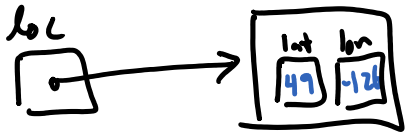
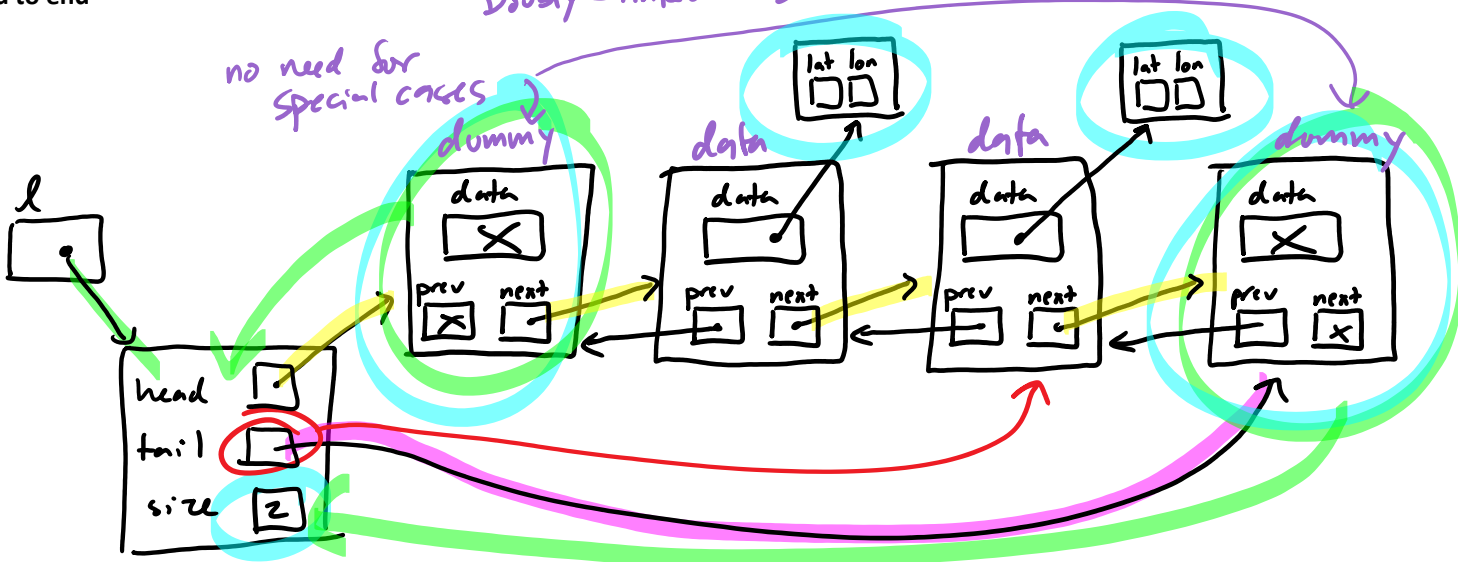




Add to end

Doubly-linked list

no need for special cases



① node * new_node = malloc(sizeof(node));

② new_node -> data = loc;

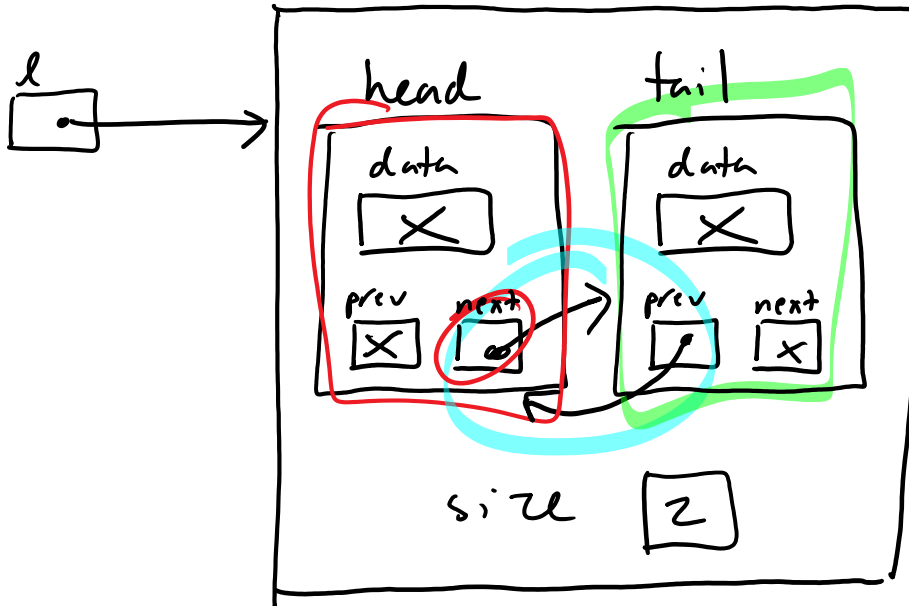
③ new_node -> prev = l -> tail -> prev;
new_node -> next = new_node -> prev -> next;

④ new_node -> prev -> next = new_node;
new_node -> next -> prev = new_node;

⑤ l -> size ++;

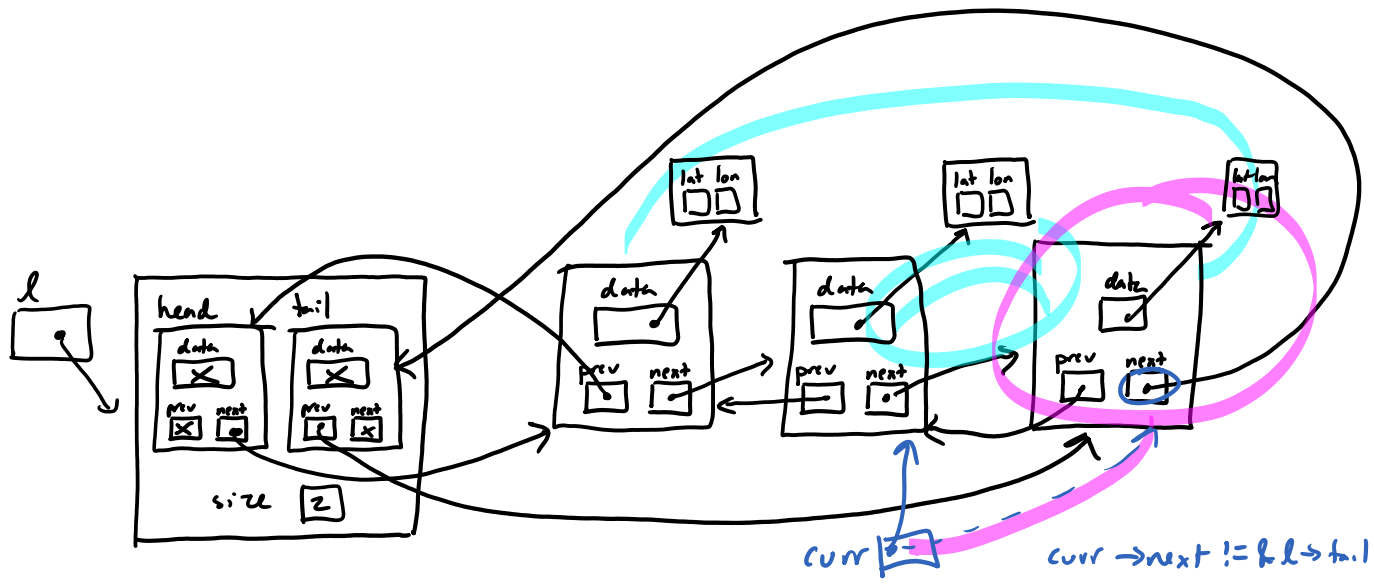
⊕ (1)

Create



$l \rightarrow \text{head} . \text{data} = \text{value}$
 $l \rightarrow \text{head} . \text{next} = \&l \rightarrow \text{tail};$

Calculate distance



Mergesort

