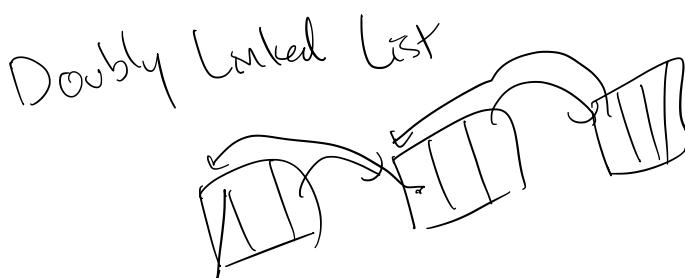
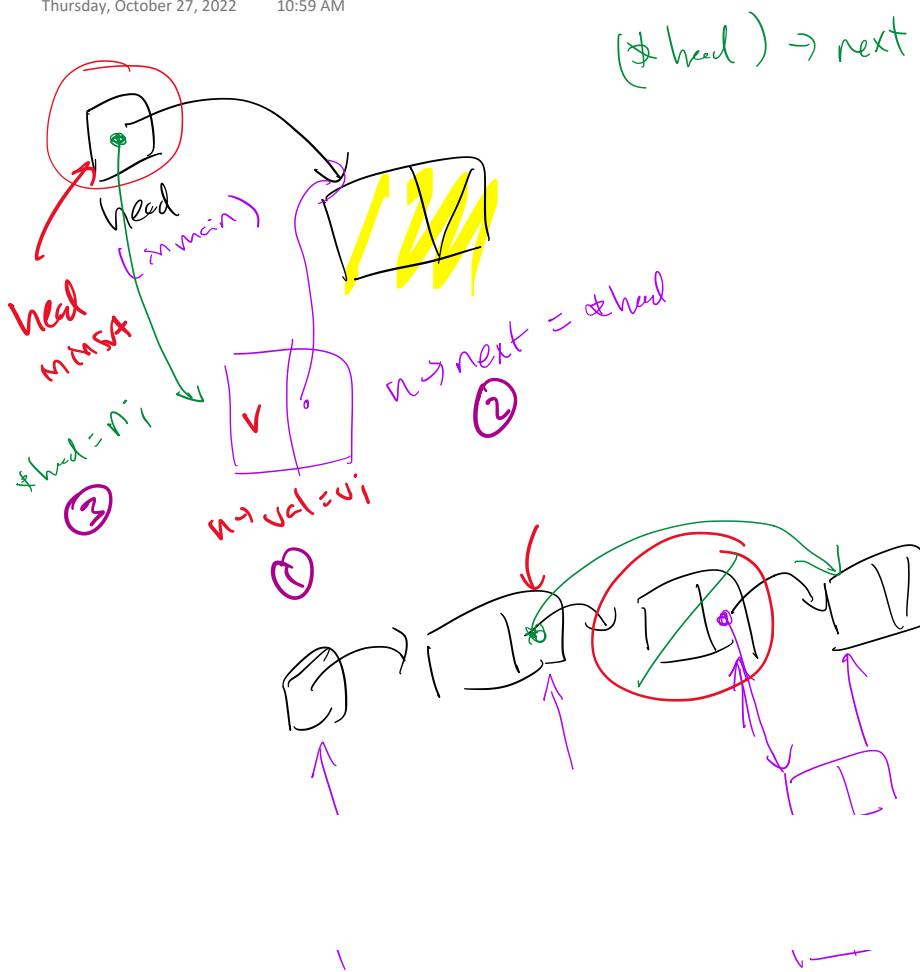


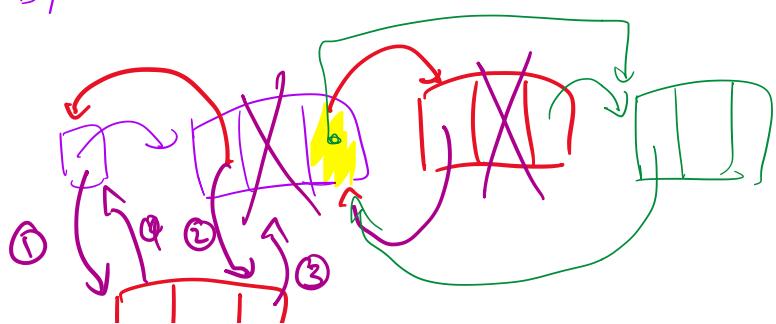
Lecture 19

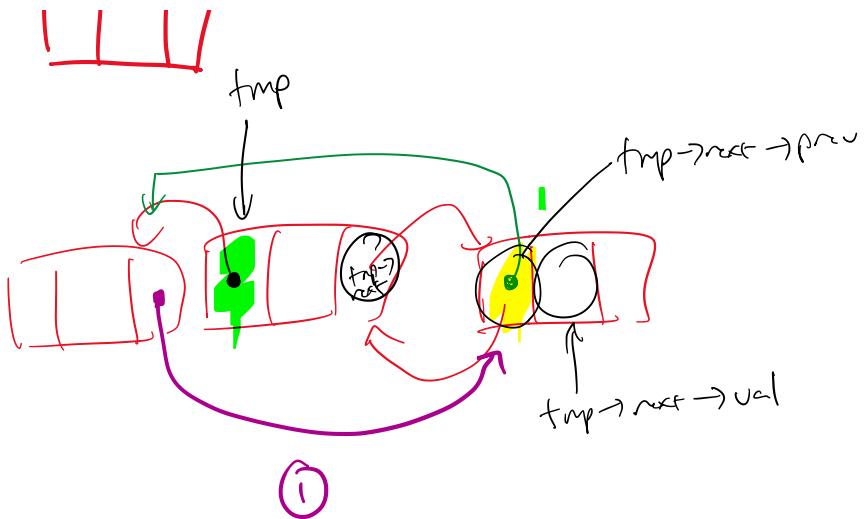
Thursday, October 27, 2022

10:59 AM



- 2 choices for the `prev` pointer
- previous node (NULL if there is no previous)
 - next pointer that points to this node





$*tmp \rightarrow prev = tmp \rightarrow next;$

if ($tmp \rightarrow next$)

$tmp \rightarrow next \rightarrow prev = \boxed{tmp \rightarrow next};$

```
remove(tmp) {
    if ( $tmp \rightarrow prev$ ) {
        tmp->prev->next = tmp->next;
    }
}
```

```
else {
    head = tmp->next;
}
```

3