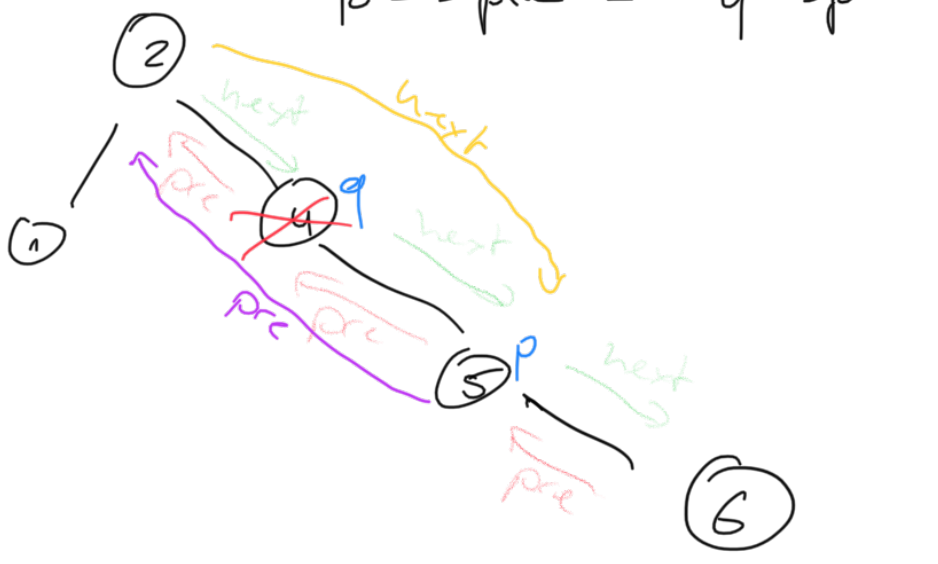
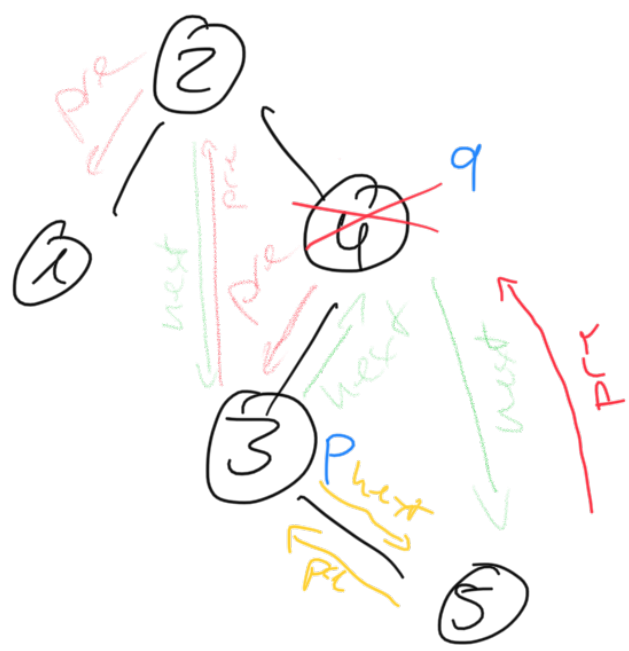
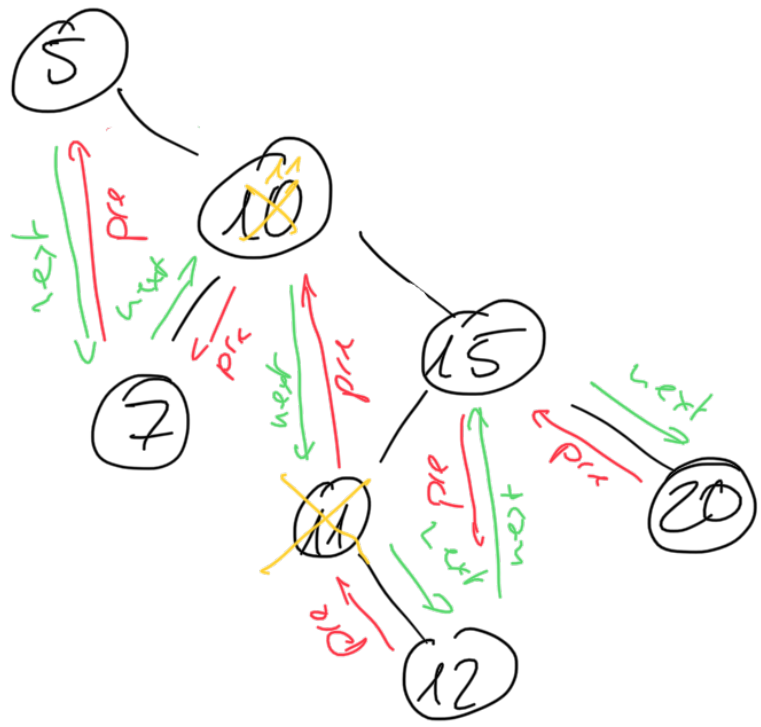
Next and Pre - Pointer on remove

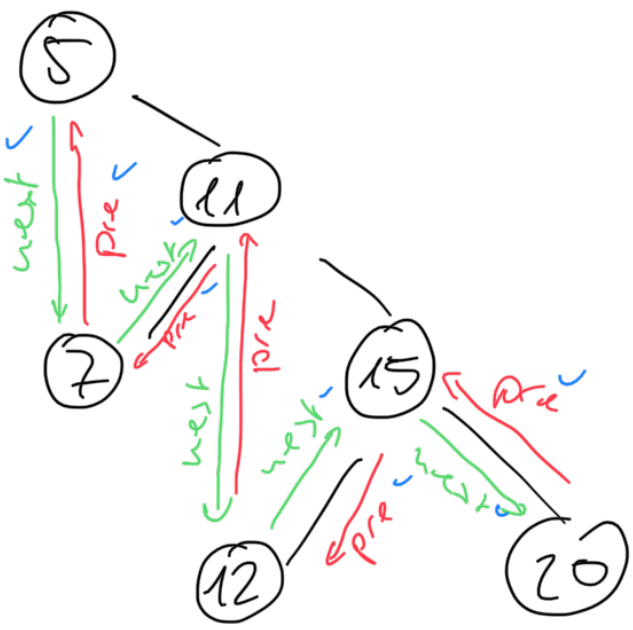
```
p -> pre = q -> pre
p -> pre -> next =
q -> pre -> next = p
p -> pre = q -> pre
```





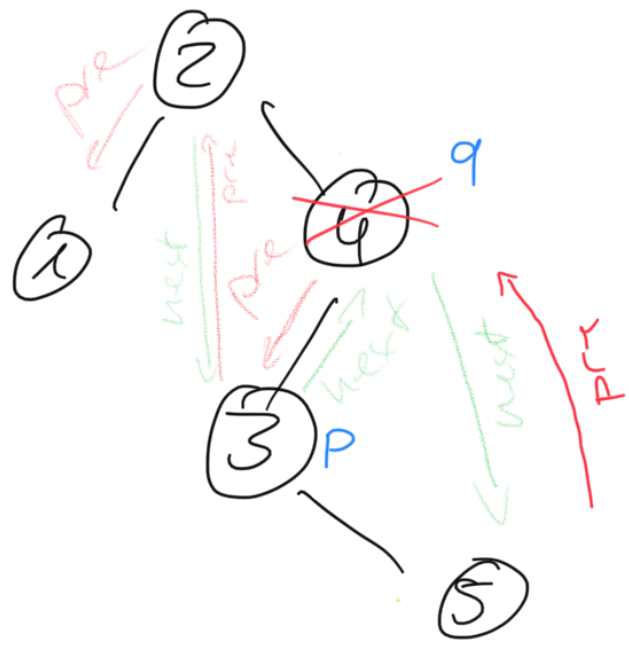

```
q -> pre -> next = q -> next
q -> next -> pre = q -> pre
```

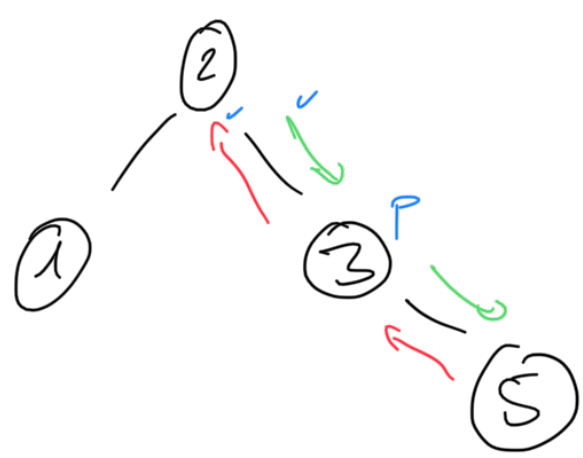




p -> next = min.next

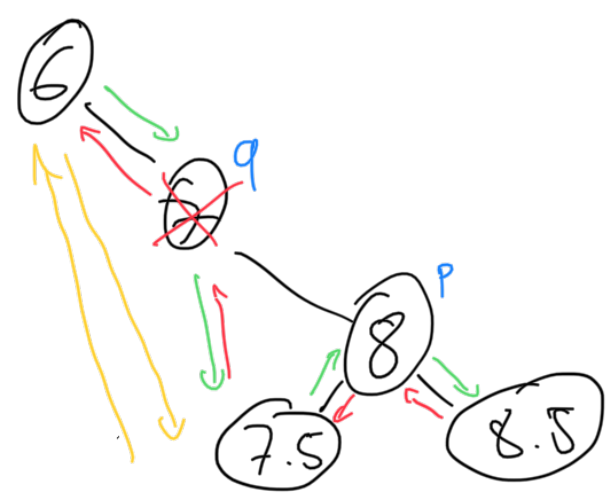
p -> next -> pre = p





p -> next = q -> next

p -> next -> pre = p



$q \to pre \to next = q \to next$

$q \to next \to pre = q \to pre$