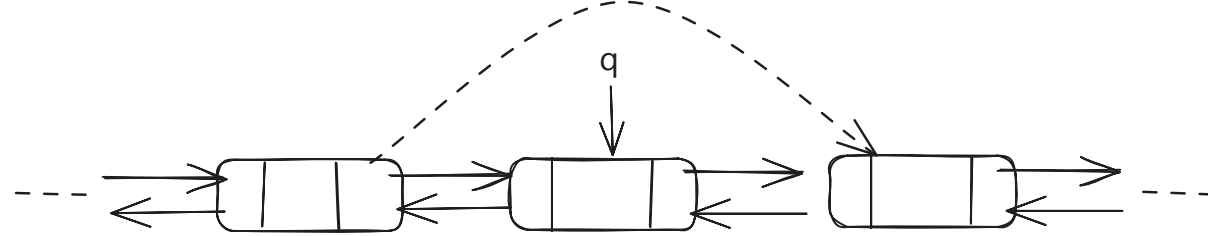
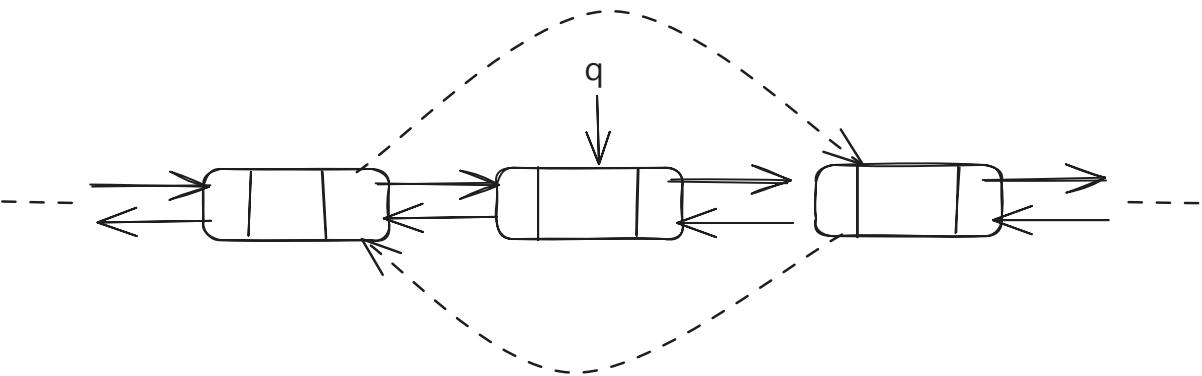


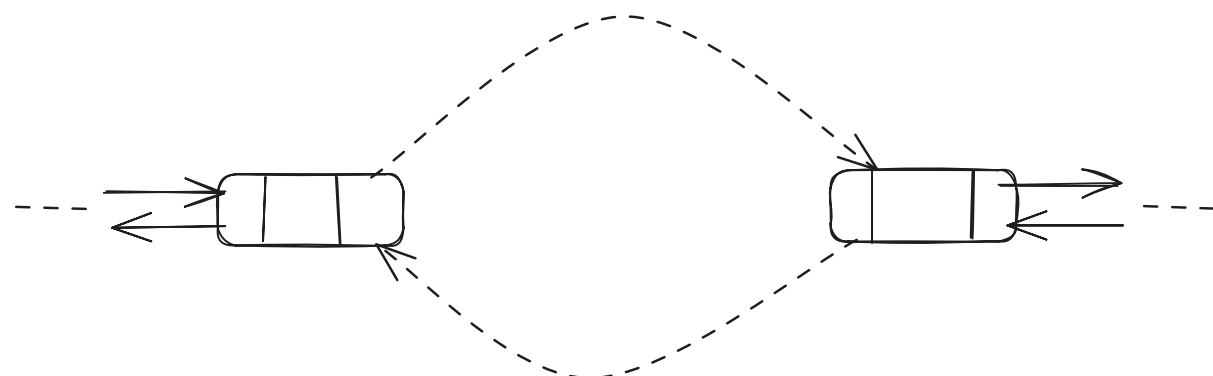
(a) before delete



(b)  $q \rightarrow \text{pre} \rightarrow \text{next} = q \rightarrow \text{next}$



(c)  $q \rightarrow \text{next} \rightarrow \text{pre} = q \rightarrow \text{pre}$



(d)  $\text{free}(q)$