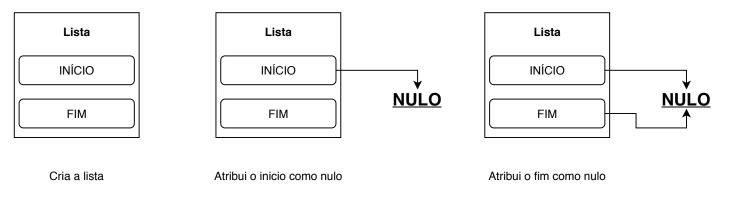
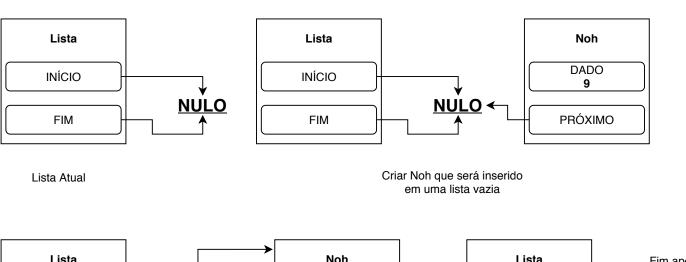
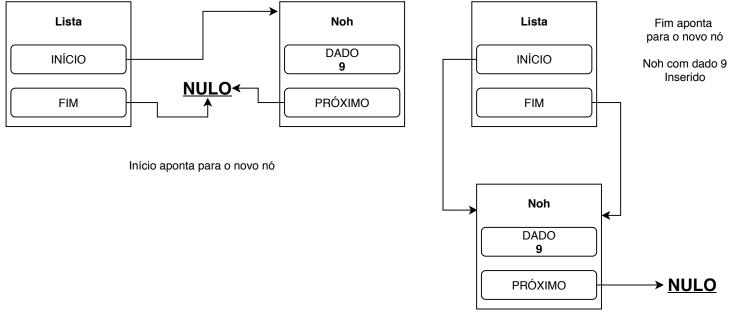
Questão 3

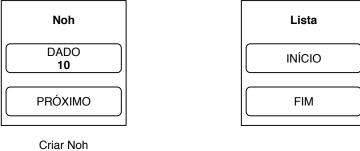


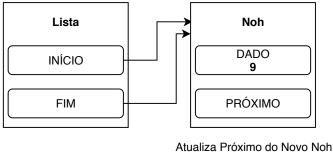


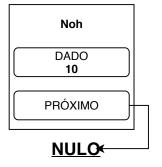
1. Inserir ordenado os elementos 9, 10, 3

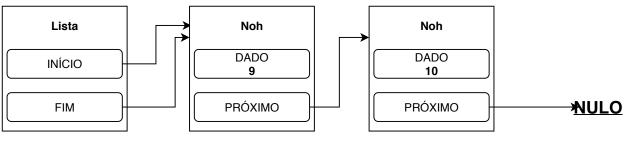




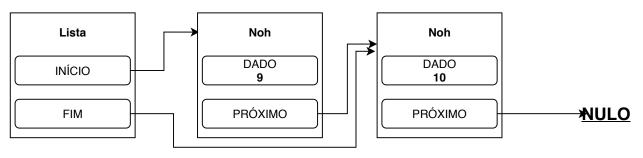








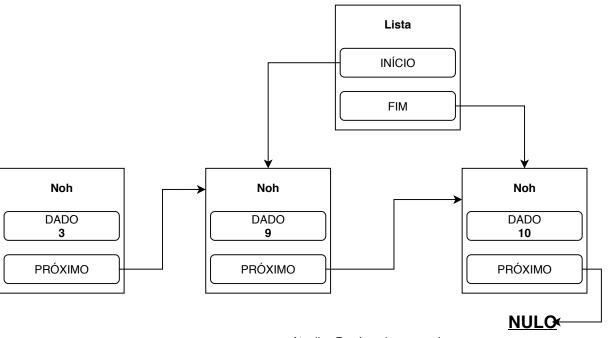
Atualiza Próximo do Início



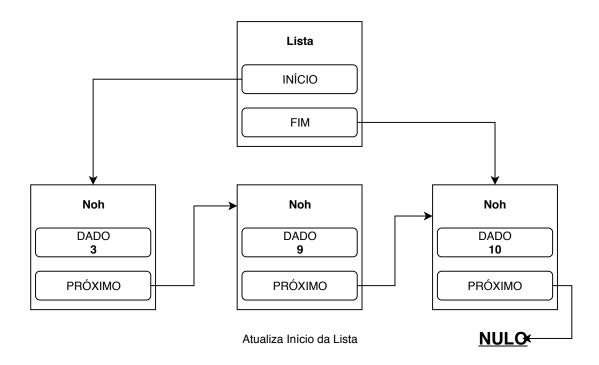
Atualiza Fim

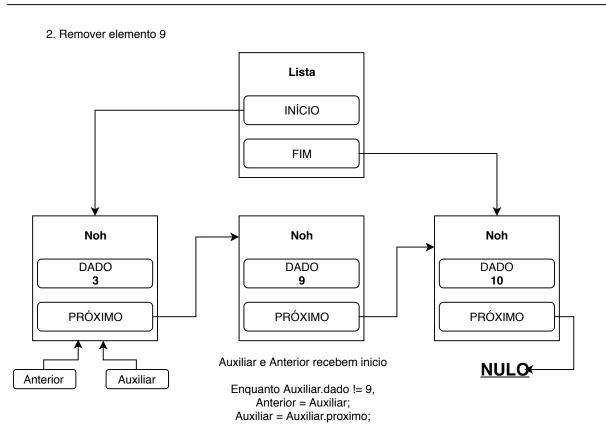


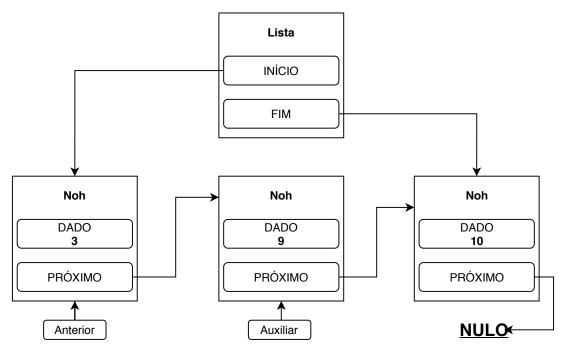
Criar Noh



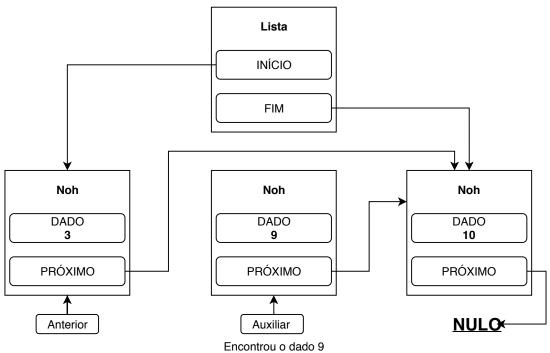
Atualiza Proximo do novo noh



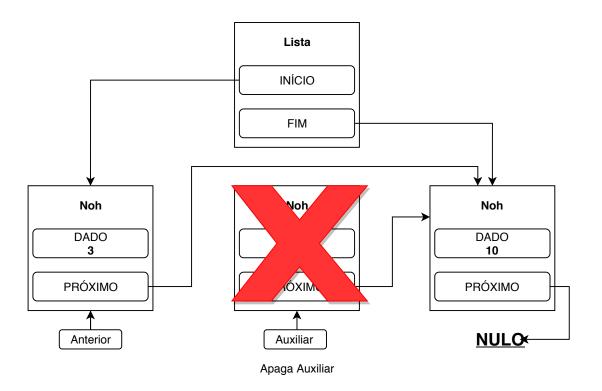


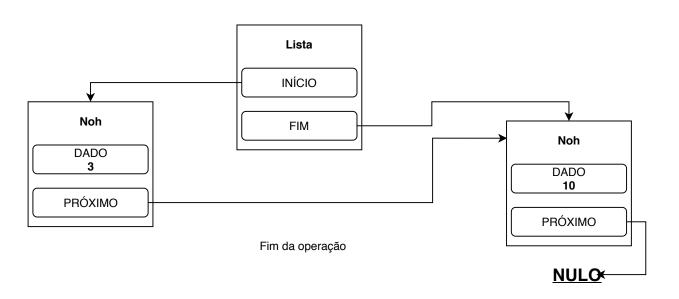


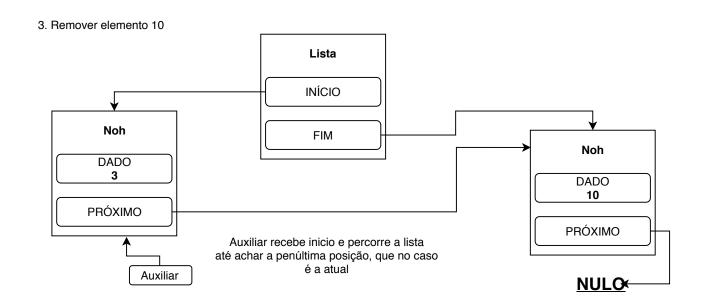
Auxiliar = Auxiliar.proximo

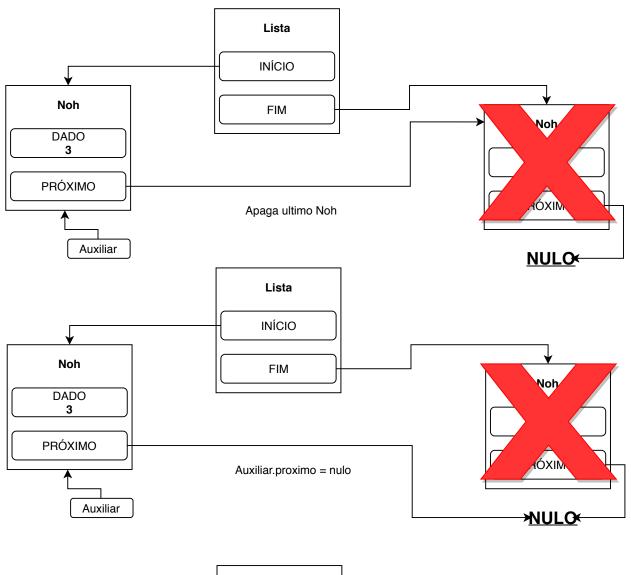


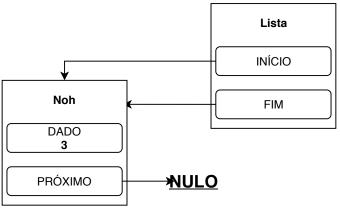
Anterior.proximo = Auxiliar.proximo



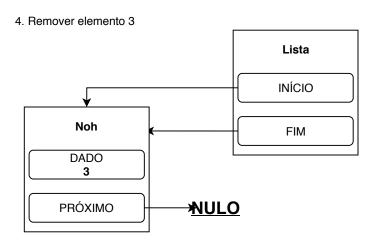


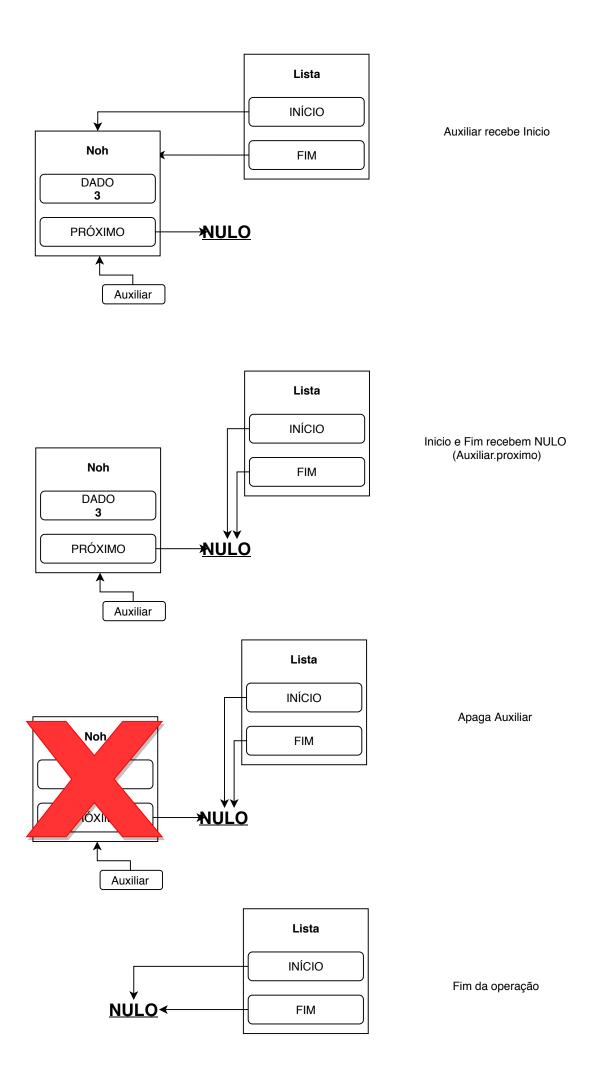


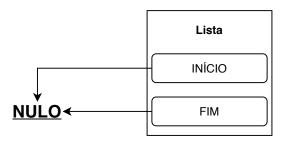


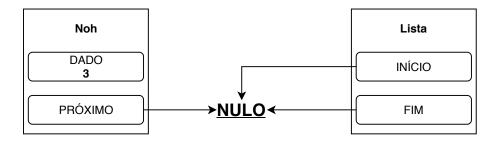


Fim = auxiliar

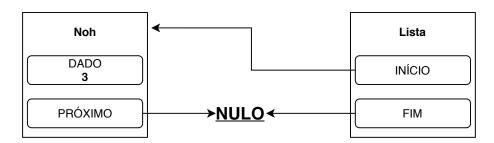




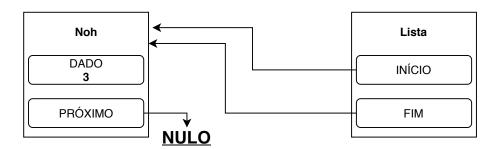




Criar Noh



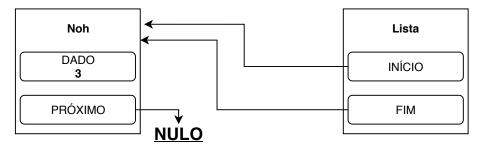
Inicio aponta para novo Noh

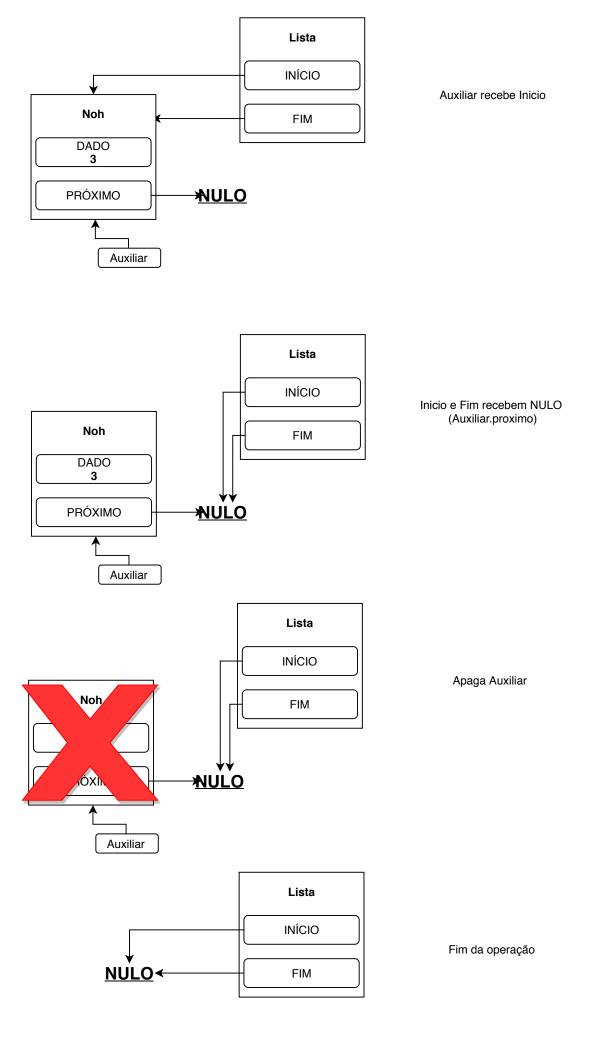


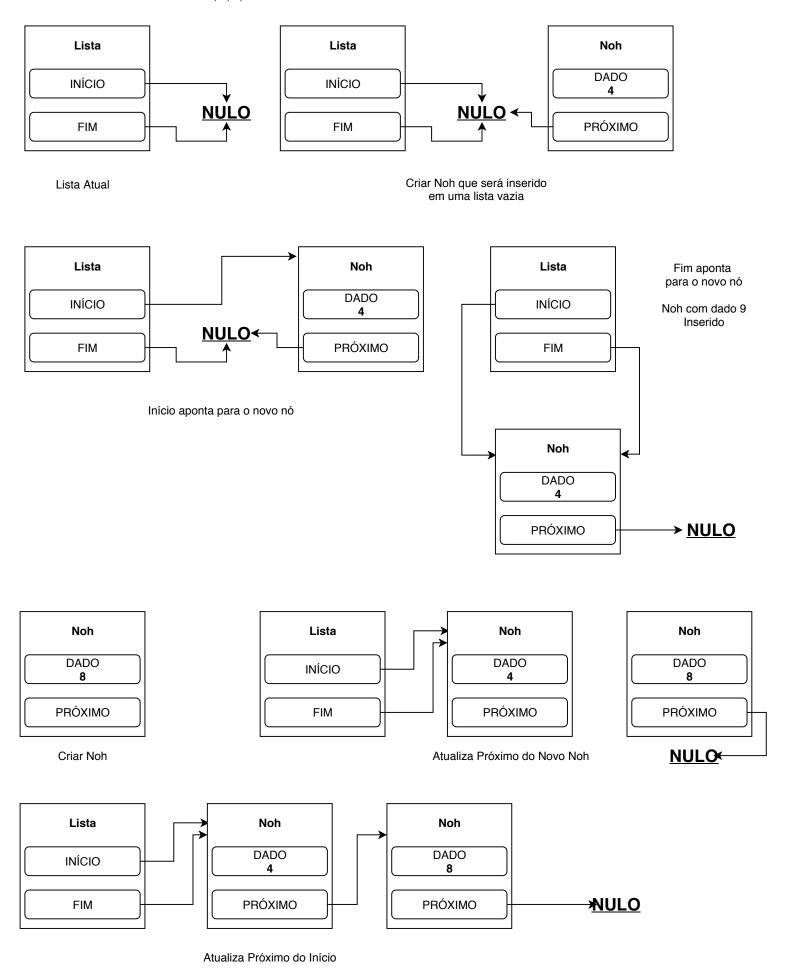
Fim aponta para novo Noh

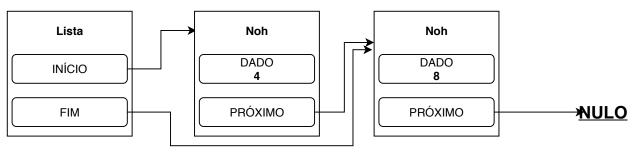
Fim da Operação

6. Remover elemento 3

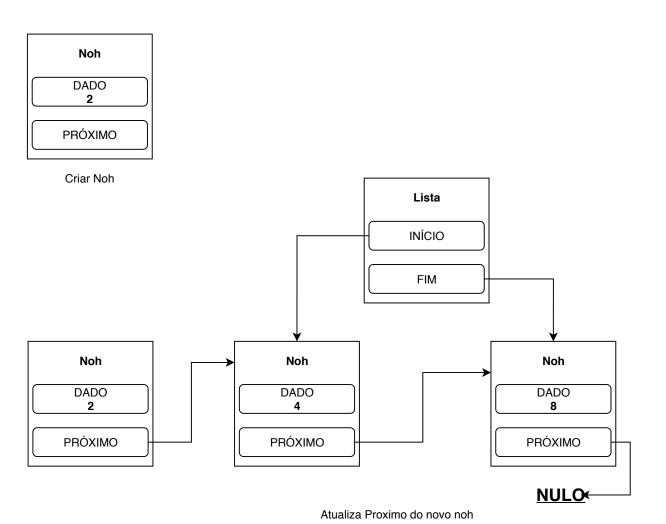








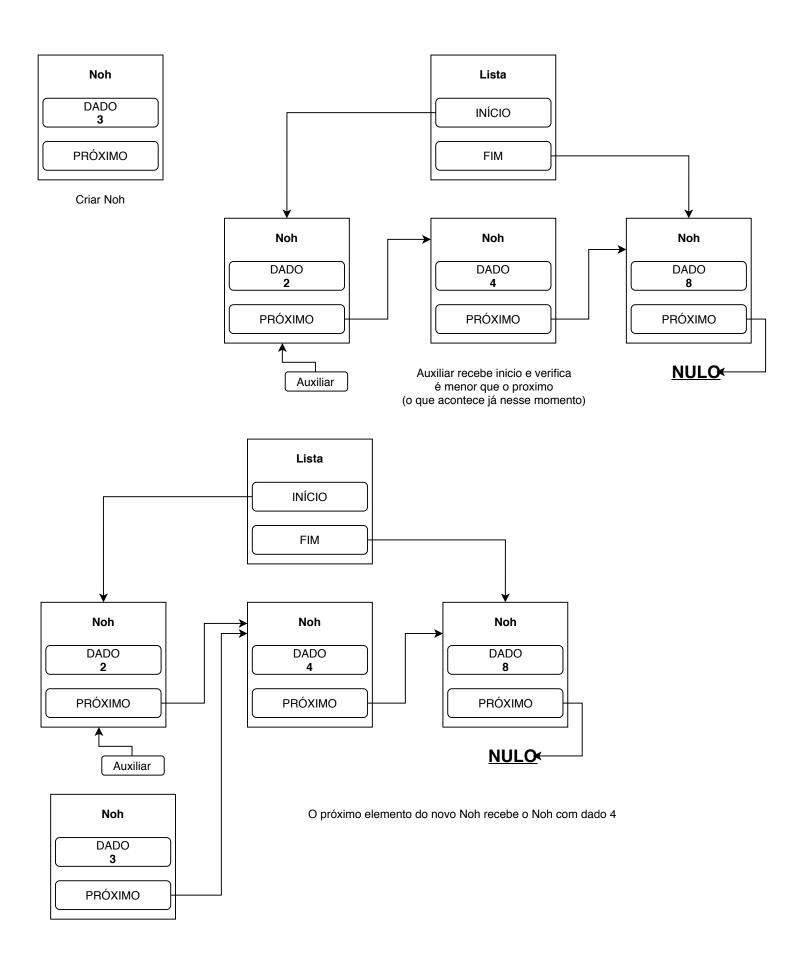
Atualiza Fim

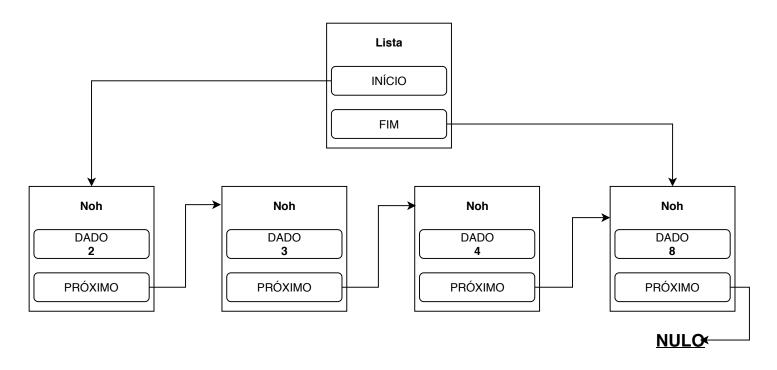


Noh Noh Noh DADO 2 DADO 4 PRÓXIMO PRÓXIMO PRÓXIMO

Atualiza Início da Lista

<u>NULO</u>←

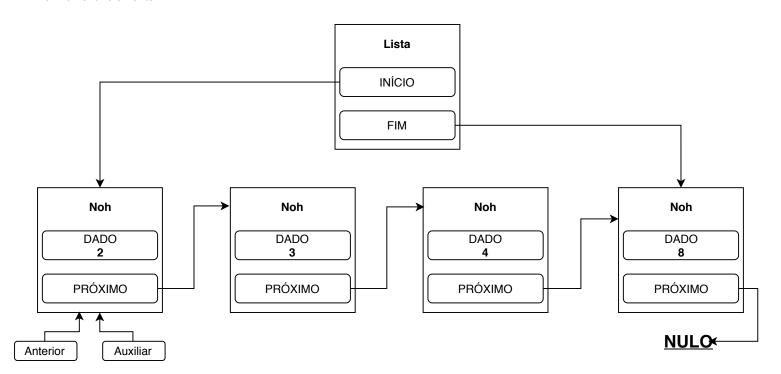




O Noh com dado 2 tem seu próximo atualizado para o novo Noh

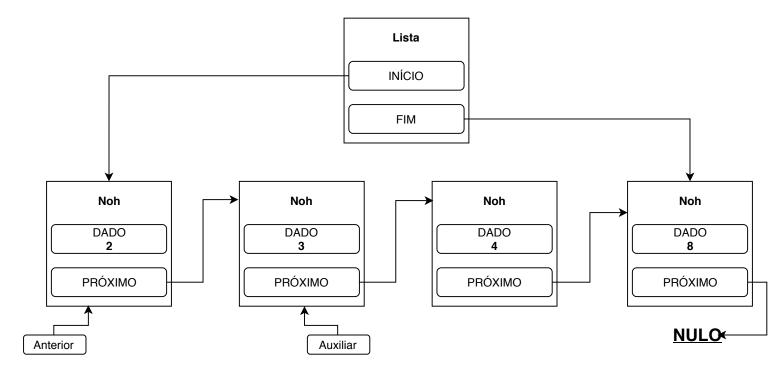
Fim da operação

8. Remover elemento 4

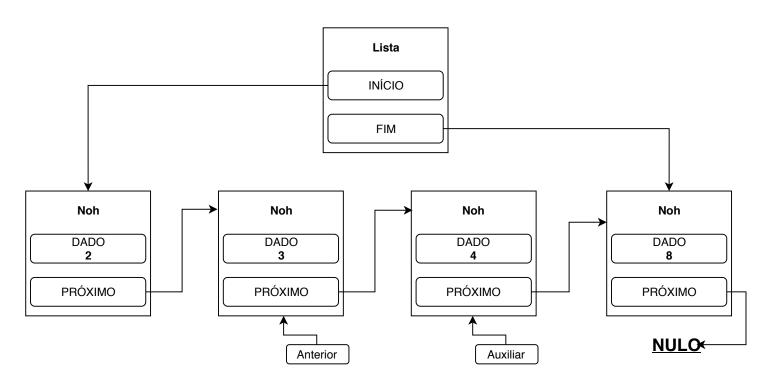


Auxiliar e Anterior recebem inicio

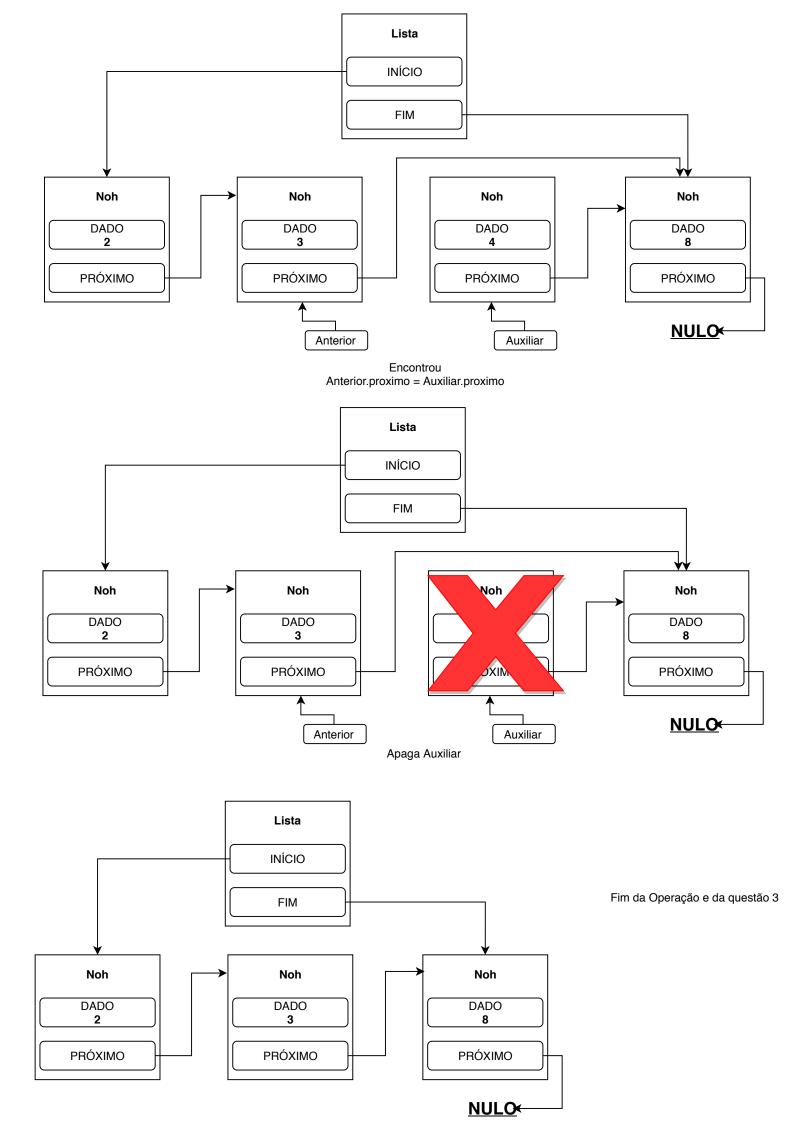
Enquanto Auxiliar.dado != 4, Anterior = Auxiliar; Auxiliar = Auxiliar.proximo;



Anterior = Auxiliar Auxiliar = Auxiliar.proximo

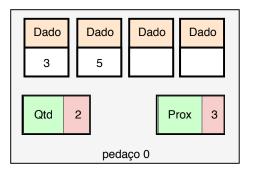


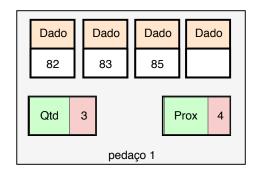
Anterior = Auxiliar Auxiliar = Auxiliar.proximo

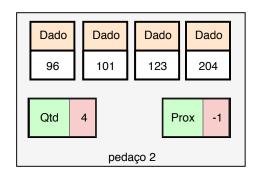


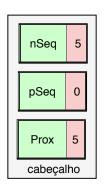
Questão 4

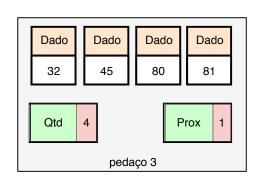
Original

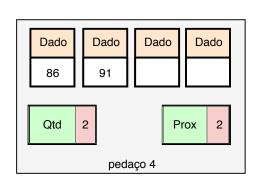




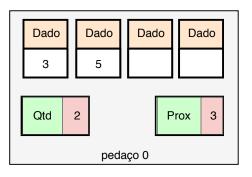


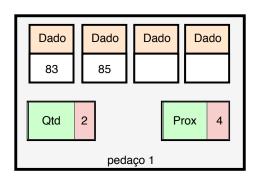


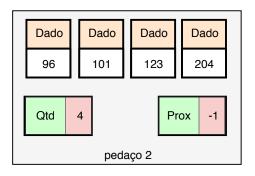


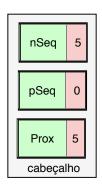


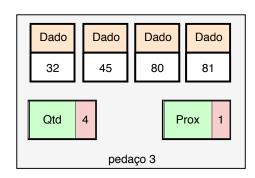
1. Remover o elemento 82

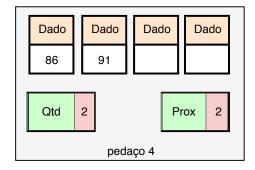






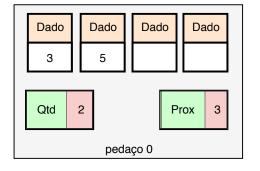


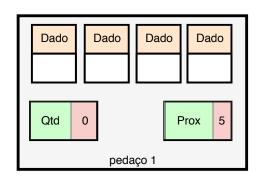


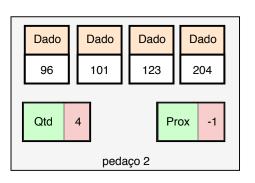


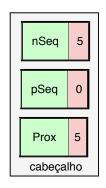


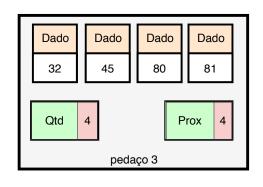
Para cada pedaço ter pelo menos a metade de sua capacidade ocupada, o elemento 83 é passado para o pedaço 4

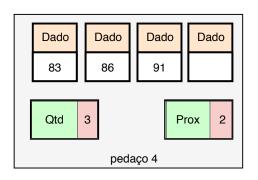






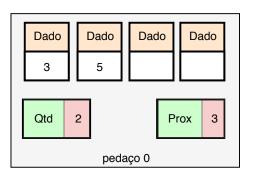


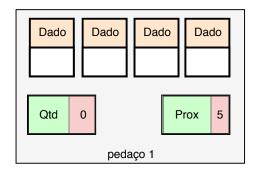


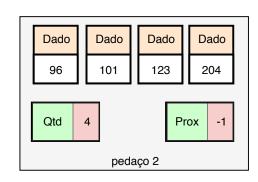


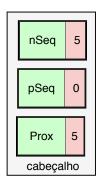
Os Prox. do pedaço 1 e do pedaço 3 são atualizados

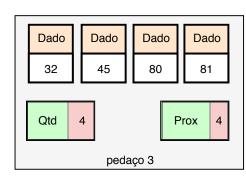
3. Remover o elemento 83

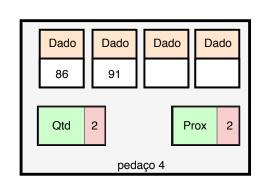




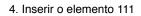


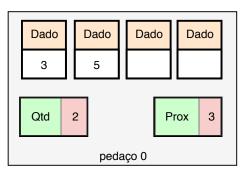


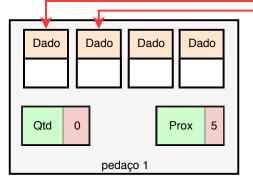


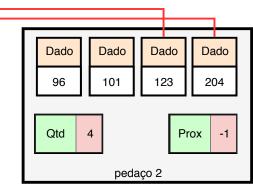


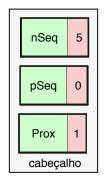
Elemento removido

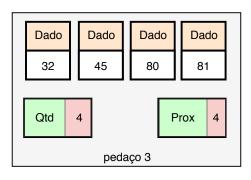


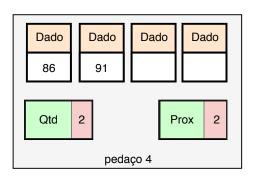










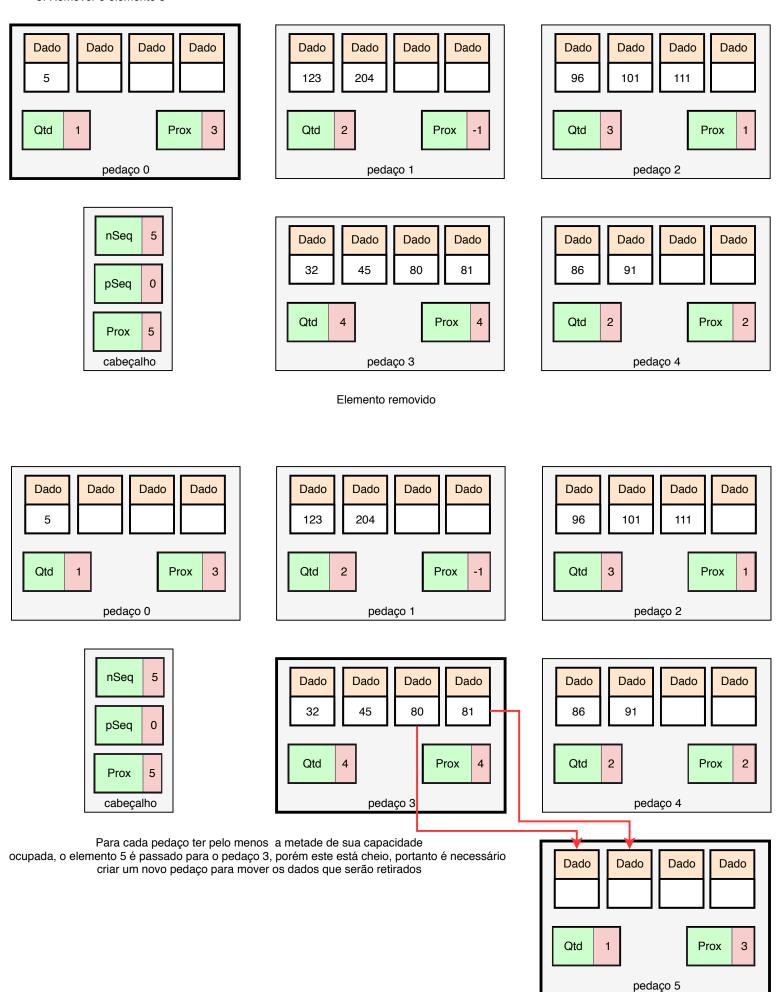


O pedaço 2 é divido para a inserção do elemento 111; O pedaço disponível é o 1



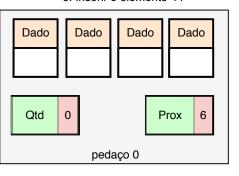
Dado 111 inserido e Prox. atualizado

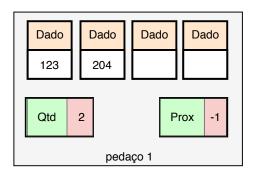
5. Remover o elemento 3

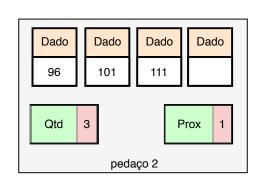


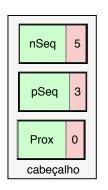


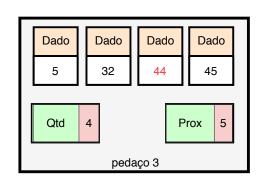
6. Inserir o elemento 44

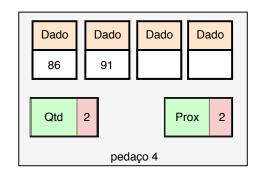


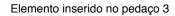


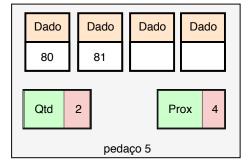




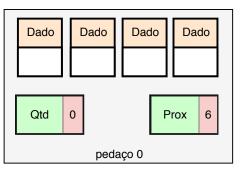


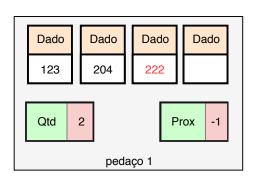


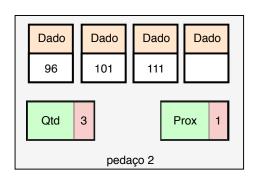


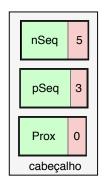


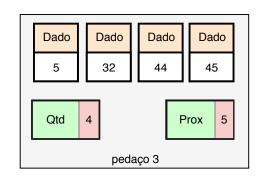
7. Inserir o elemento 222

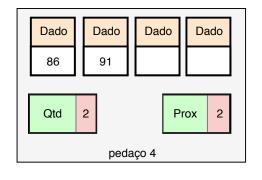




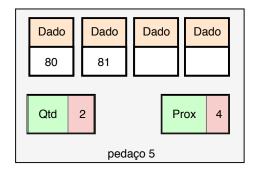






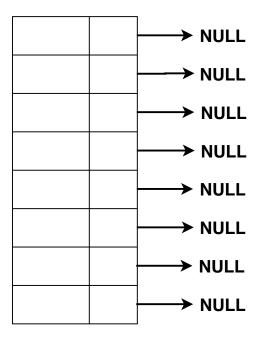


Elemento inserido no pedaço 2

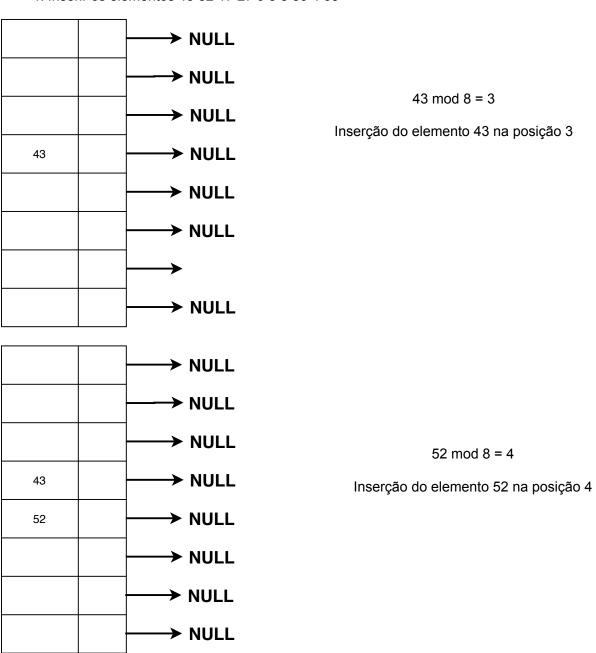


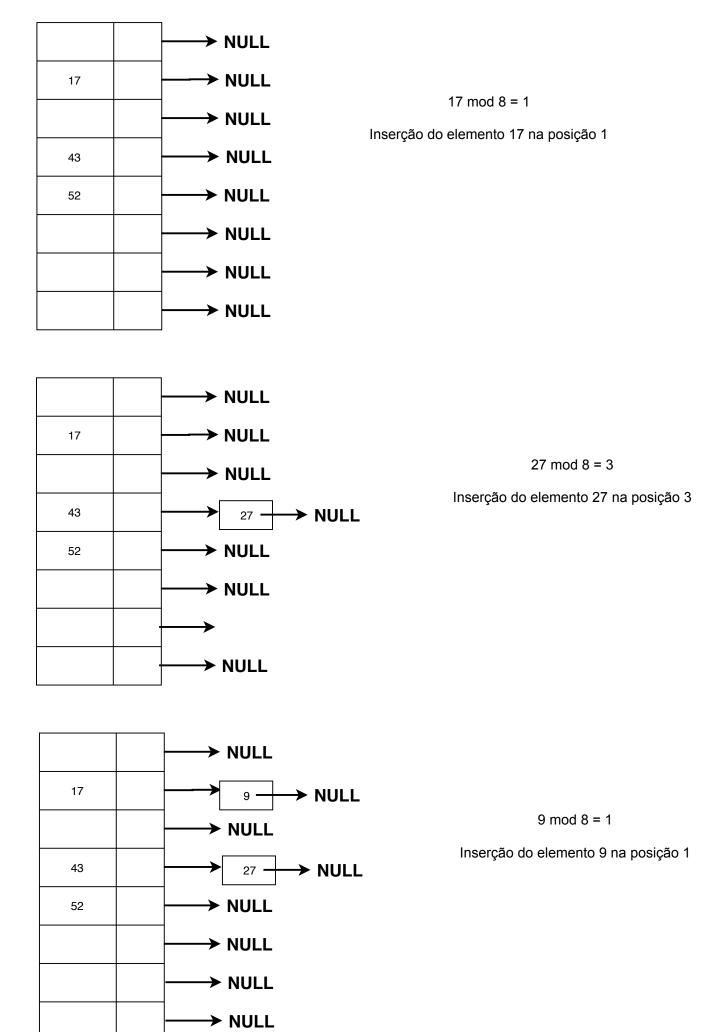
Questão 9

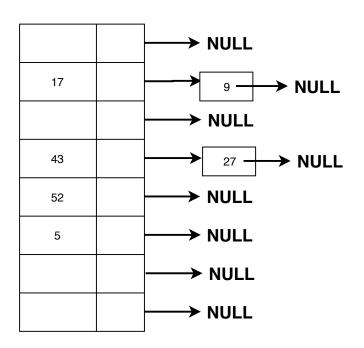
Início



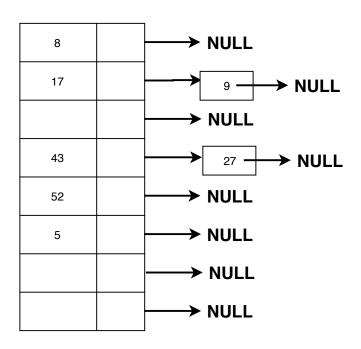
1. Inserir os elementos 43 52 17 27 9 5 8 80 4 65



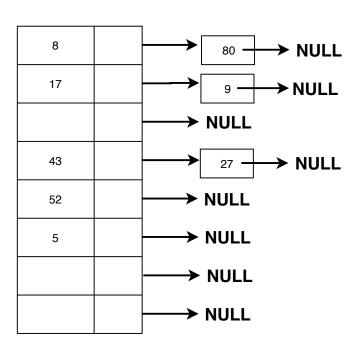




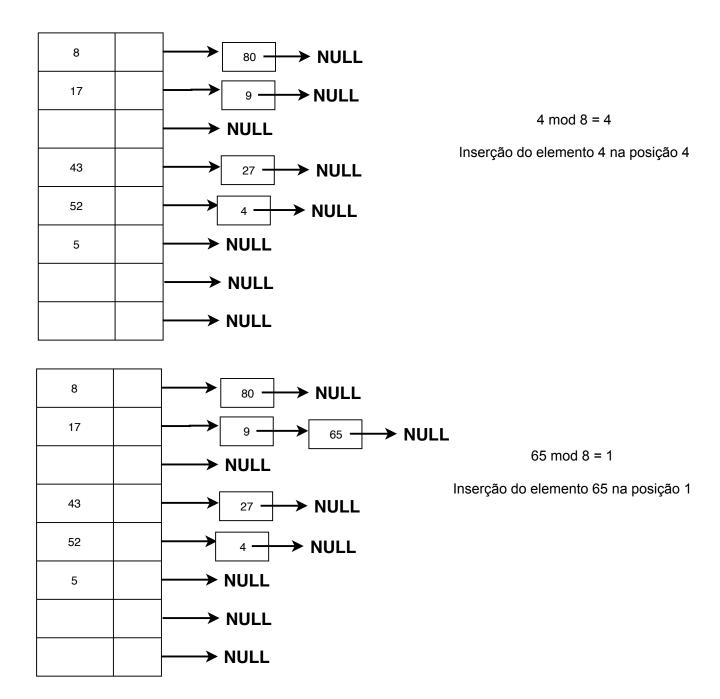
5 mod 8 = 5
Inserção do elemento 5 na posição 5



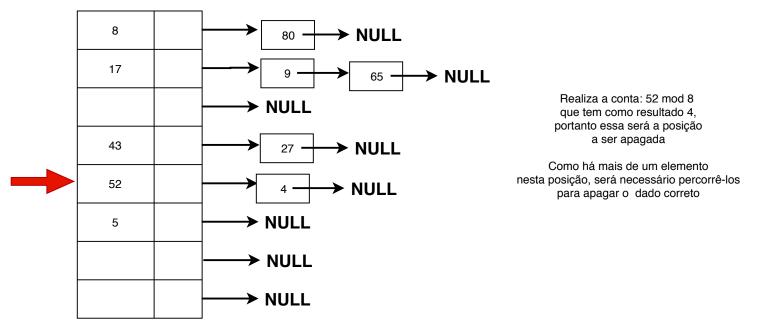
8 mod 8 = 0
Inserção do elemento 8 na posição 0

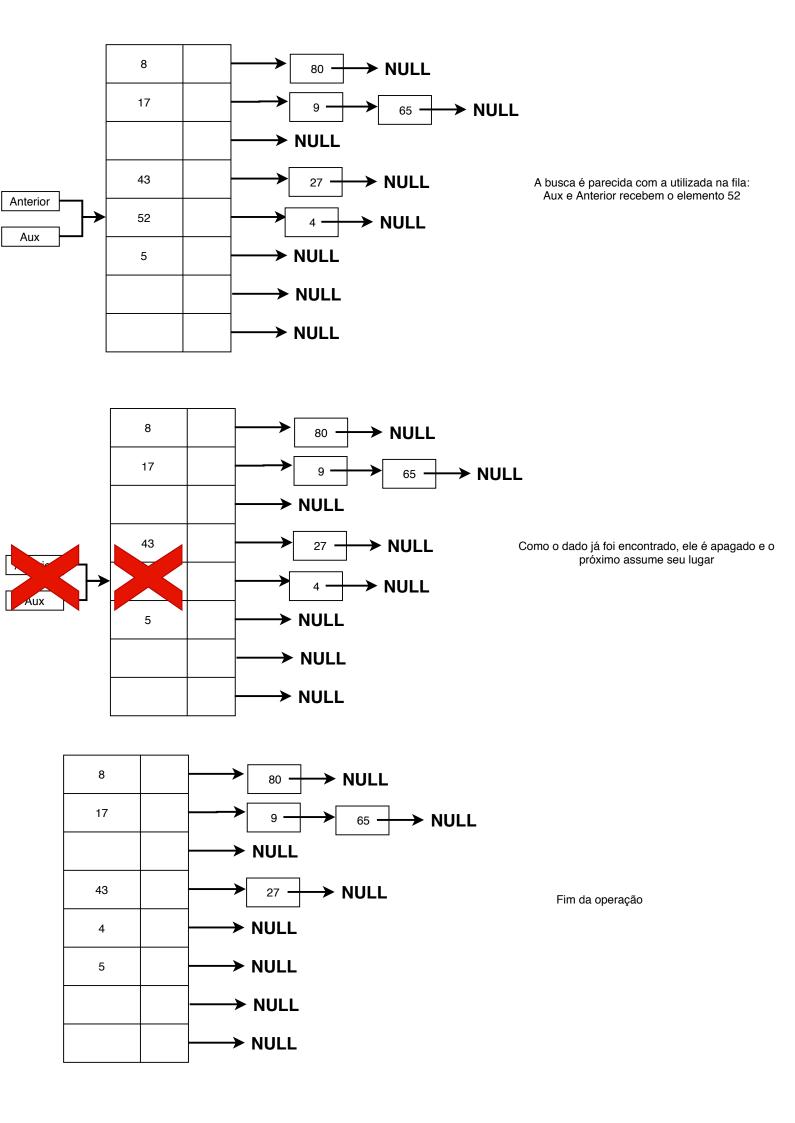


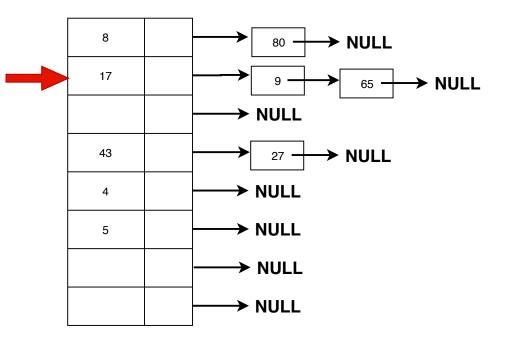
80 mod 8 = 0
Inserção do elemento 80 na posição 0



2. Remover o elemento 52 9







Realiza a conta: 9 mod 8 que tem como resultado 1, portanto essa será a posição a ser apagada

Como há mais de um elemento nesta posição, será necessário percorrê-los para apagar o dado correto

