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1	-	16	+	88	+				
2	-	9	+	41	+				
3		30	+	10	+	66	+		
4	-	51	+	43	+	3	+	63	+
5									
6									
7	-	71	+	6	+	39	+		
8	-	23	+						

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algorithm unknown (vector V, integer N)

 list P

 V[1, 2, 5, 3], N=4

 list L

 for i from 1 to N do

 push (P, V[i])

 while P.empty != True do

 queue (L, pop (P))

 for i from 1 to N do

 V[i] = dequeue (L)

Back

1 2 5 3 Front

algorithm main (vector V, integer N, integer K)

 for i from 1 to K do

 unknown (V, N)

 return V

* Se o valor de K for ímpar, os elementos do vetor são invertidos. Isso ocorre porque o algoritmo unknown primeiro faz essa alteração no primeiro for transformando-o em uma pilha que é preenchida ao contrário para a condição 'N-1+1', depois de deixar a está vazia, tira do lado direito e a partir daí começamos a desempilhar com o comando pop, invertendo-o para um filo. Isso tudo é devido ao enqueue, após o qual fazemos um for para colocar o valor na posição do vetor V, então usamos dequeue para obter o último elemento da lista. Isso é "antes" do filo porque o primeiro entrada é a primeira saída. Saída do vetor V.

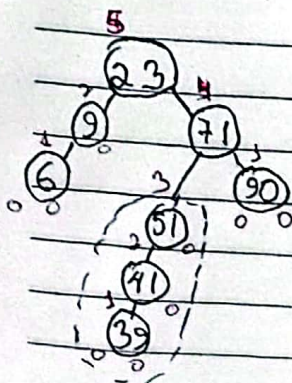
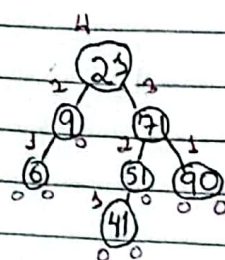
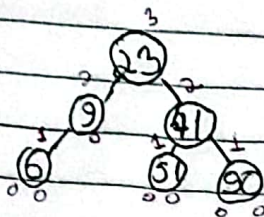
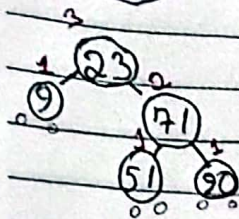
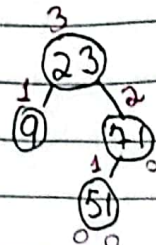
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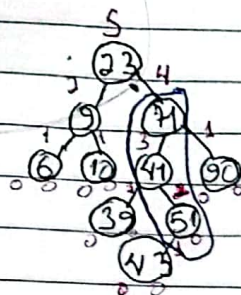
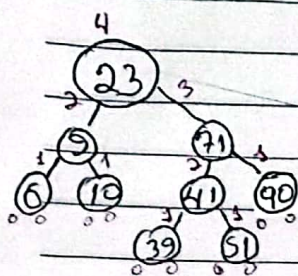
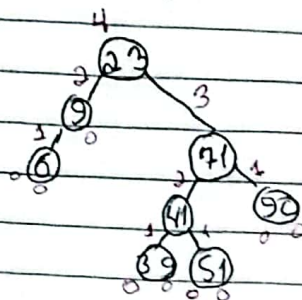
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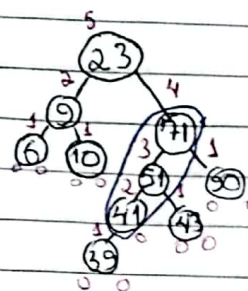
nd (71)



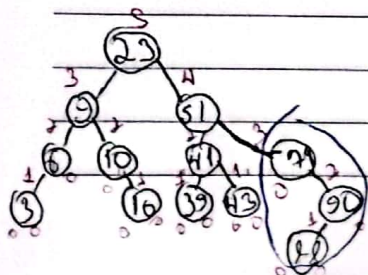
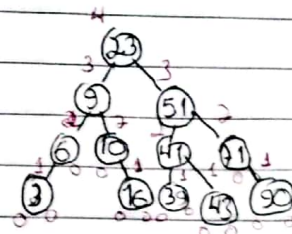
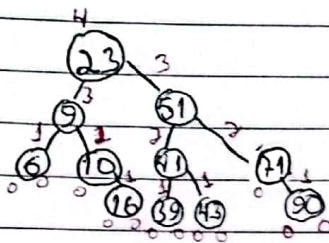
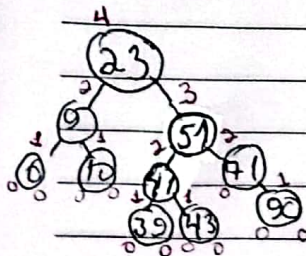
nd (51)



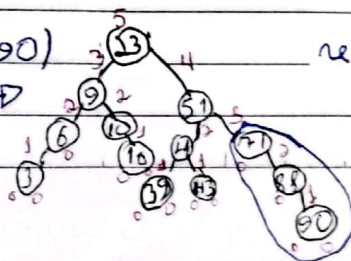
nd (41)



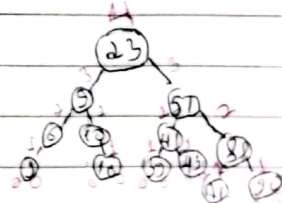
nd (71)



nd (90)



nd (71)



data / /

S	T	Q	Q	S	S	D
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nd (71)

