

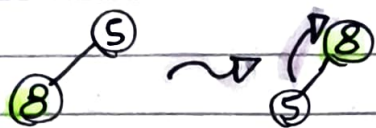
8) a)

$\begin{matrix} 21 & 14 & 10 & 9 \\ 12 & 8 & 8 & 5 \\ 5 & 8 & 12 & 7 & 12 & 21 & 8 & 14 & 4 \end{matrix}$

Inseriendo de 2 uno:

5

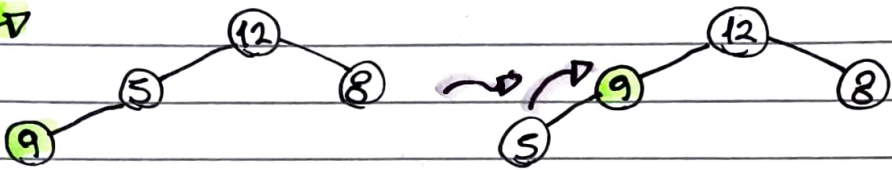
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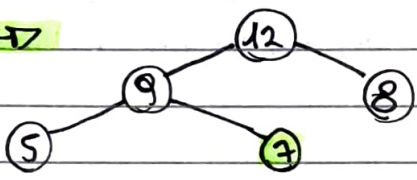
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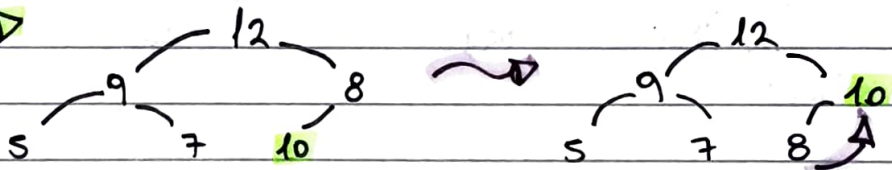
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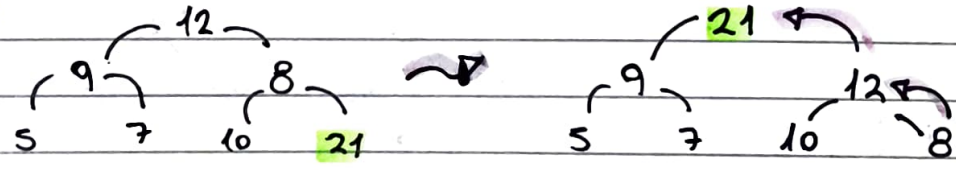
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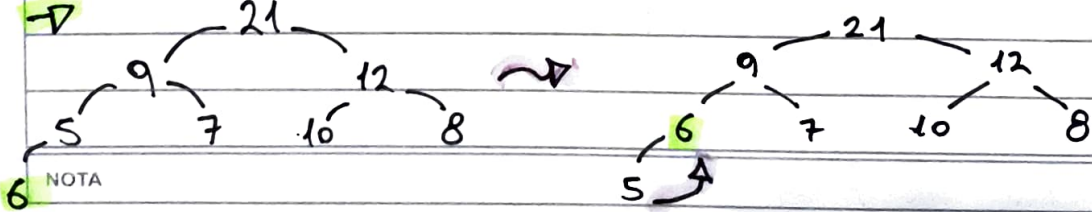
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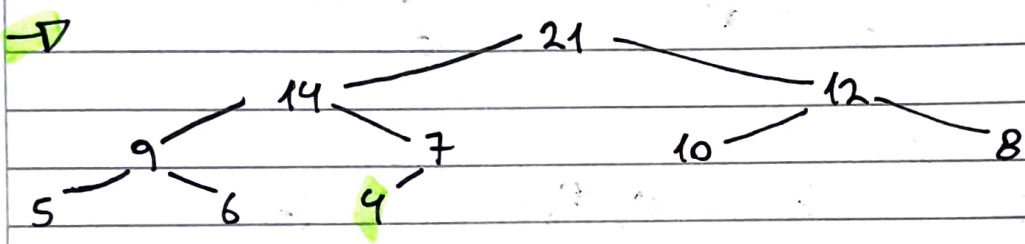
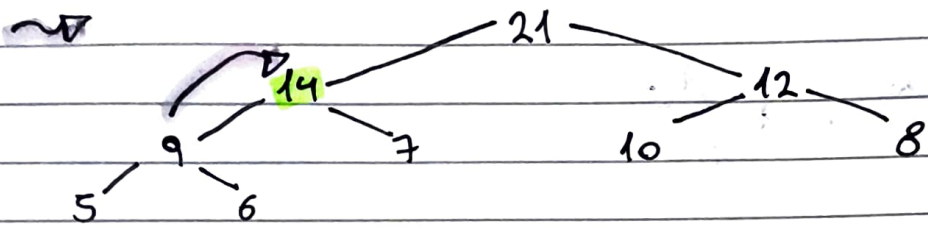
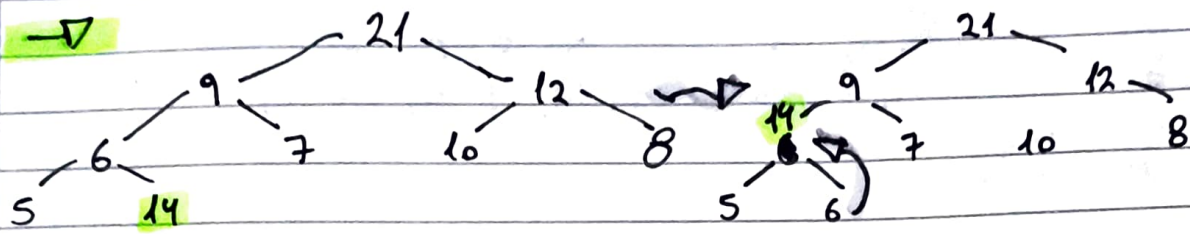
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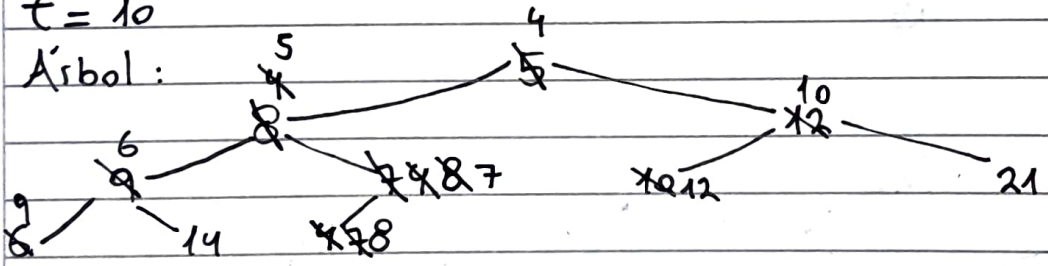


6 NOTA



b) can BuildHeap:  $\{ \overset{4}{\cancel{5}}, \overset{5}{\cancel{8}}, \overset{10}{\cancel{12}}, \overset{6}{\cancel{9}}, \overset{7}{\cancel{14}}, \overset{8}{\cancel{10}}, 21, \overset{9}{\cancel{7}}, \overset{14}{\cancel{6}}, \overset{8}{\cancel{4}} \}$

$t = 10$   
Árbol:



$i = (t/2) = 5$   
 $v[i] = 7$

$i-1 = 4$   
 $v[i] = 9$   
 $i-1 = 3$   
 $v[i] = 12$   
 $i-1 = 2$   
 $v[i] = 8$

$i-1 = 1$   
 $v[i] = 5$

Árbol  
resultante:

