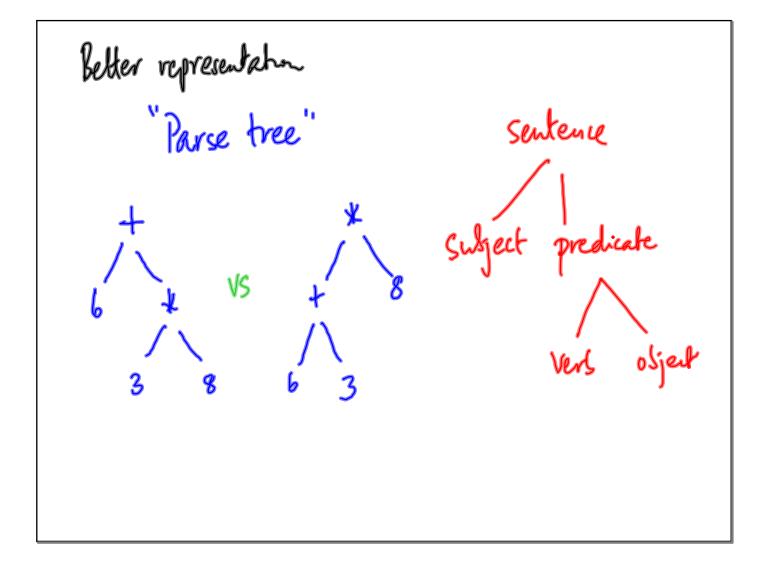
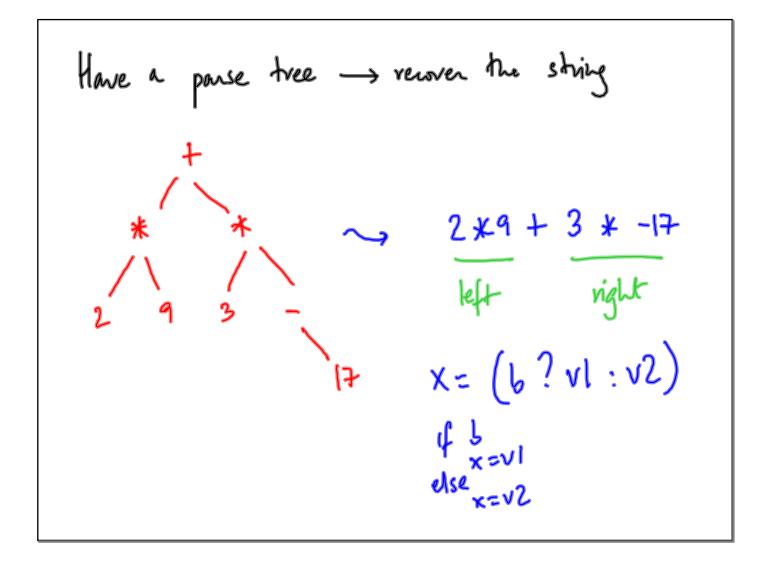
Trees  
Record shuchne of expressions  

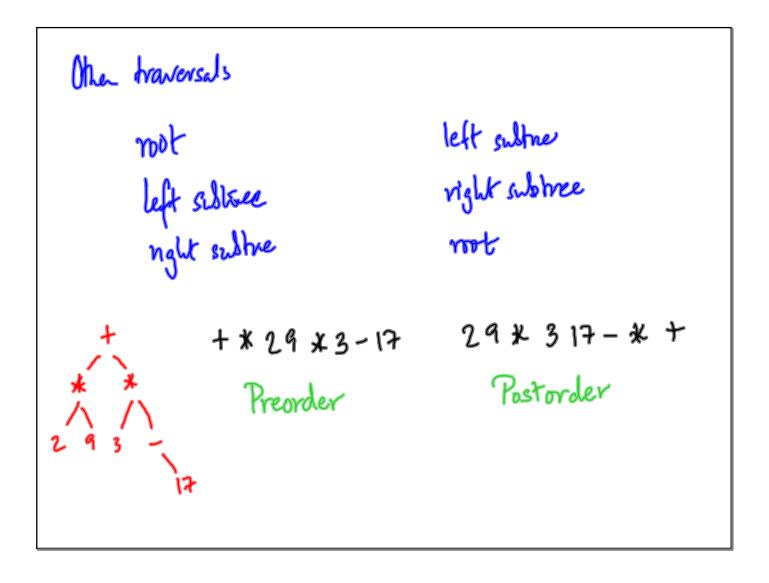
$$6+3 \times 8$$
 BODMAS  $\rightarrow 6+24=30$   
if  $x:=if$   $y:=else:=$   
Avoid embiguity  $\rightarrow$  Parentneses  
 $b+(3 \times 8)$  vs  $(b+3) \times 8$ 



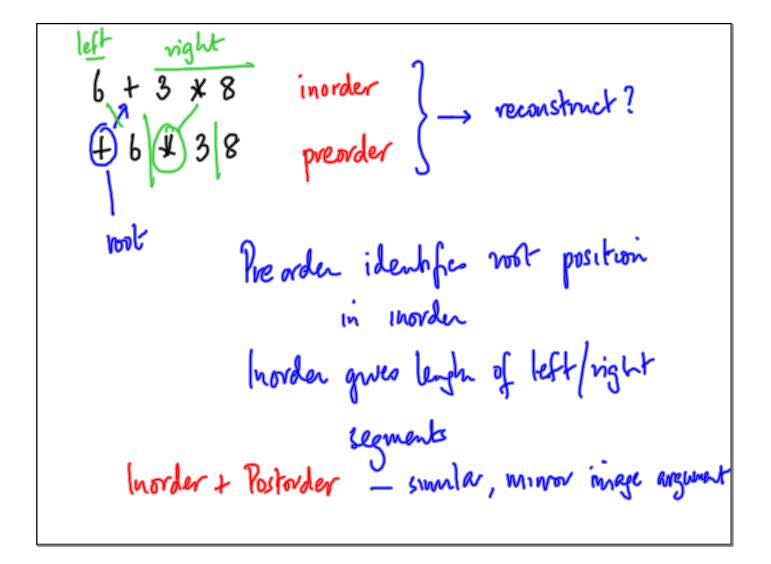


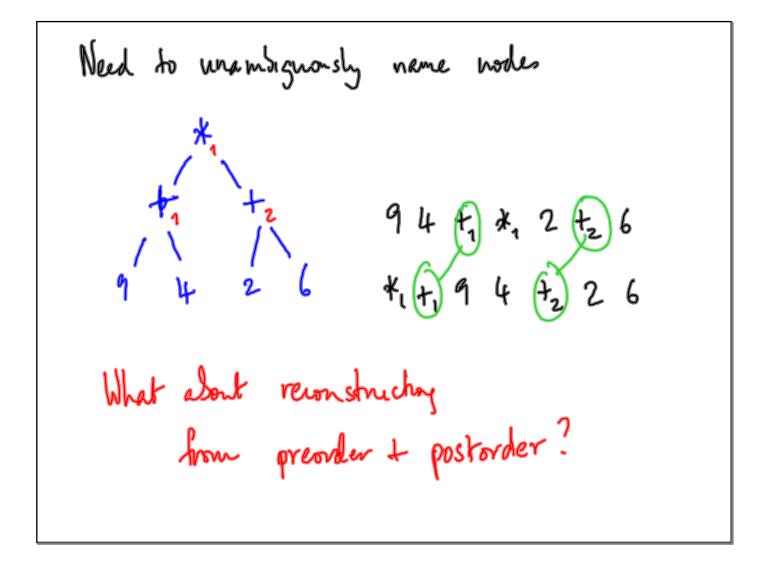
Th

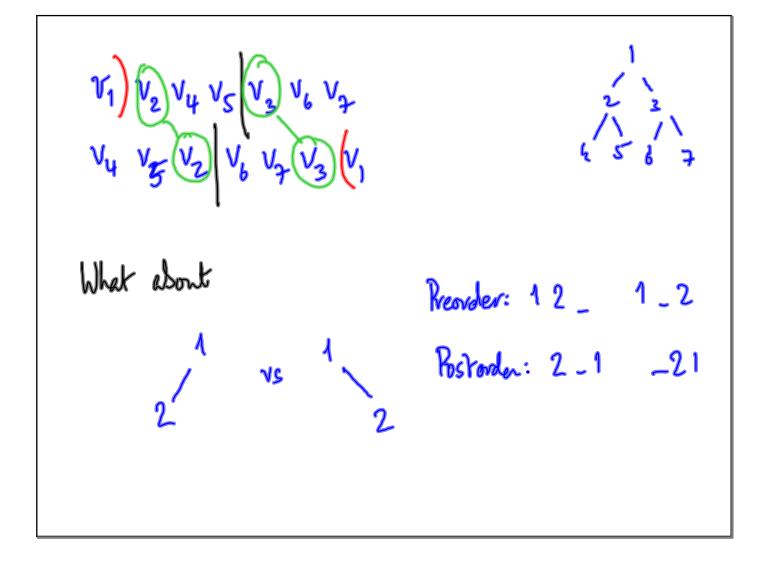
Tree 
$$\rightarrow$$
 String  
left subtree  $\rightarrow$  String  
Root  
Right subtree  $\rightarrow$  String  
linorder  
trevensal  
of the  
tree  
Other traversels are possible

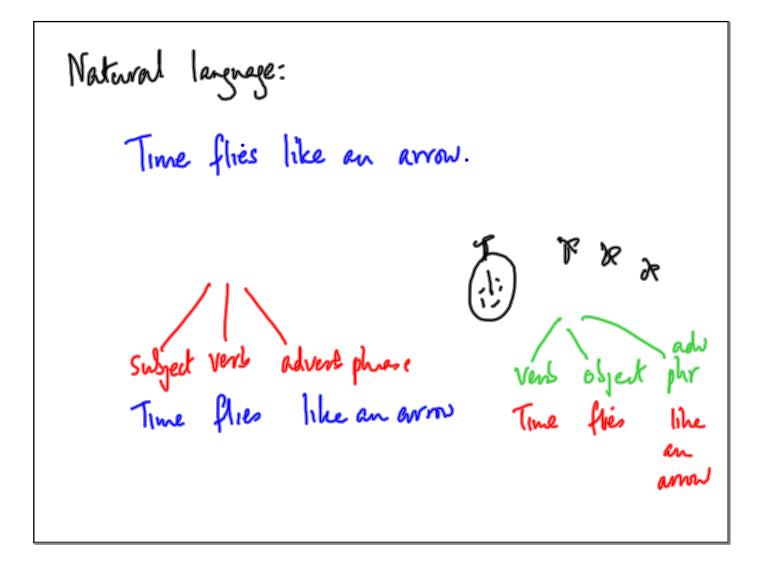


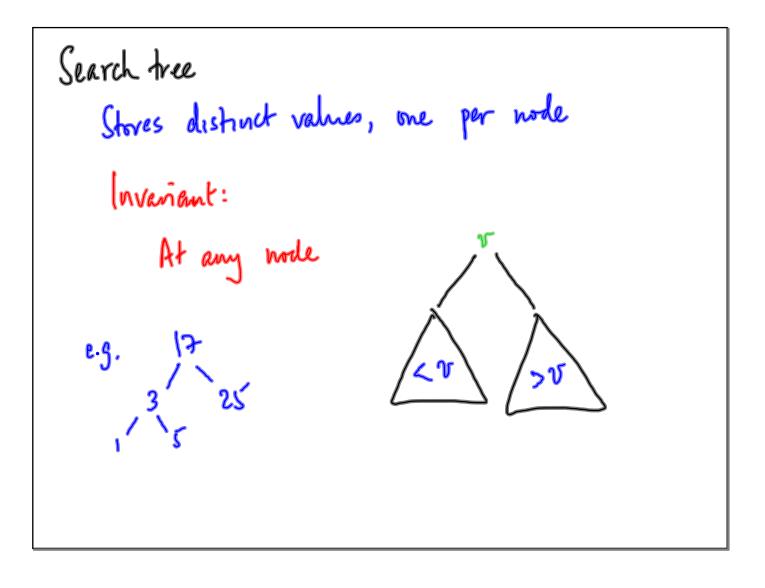
Γ

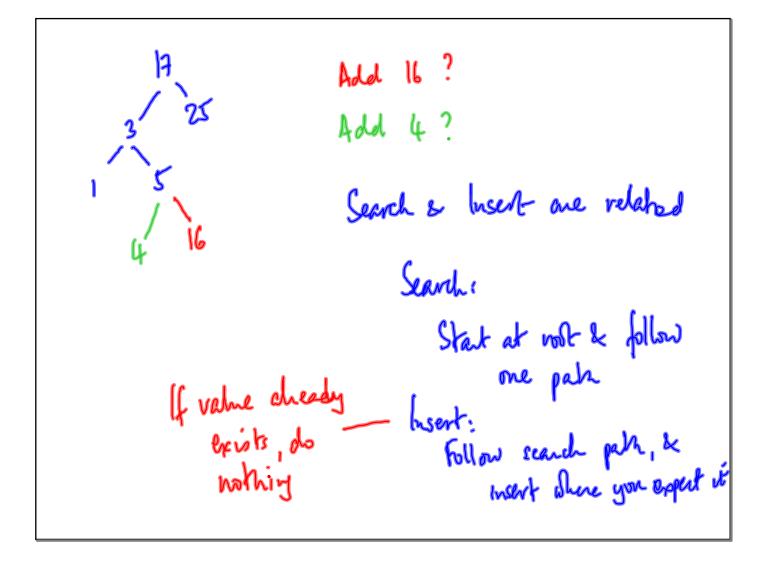


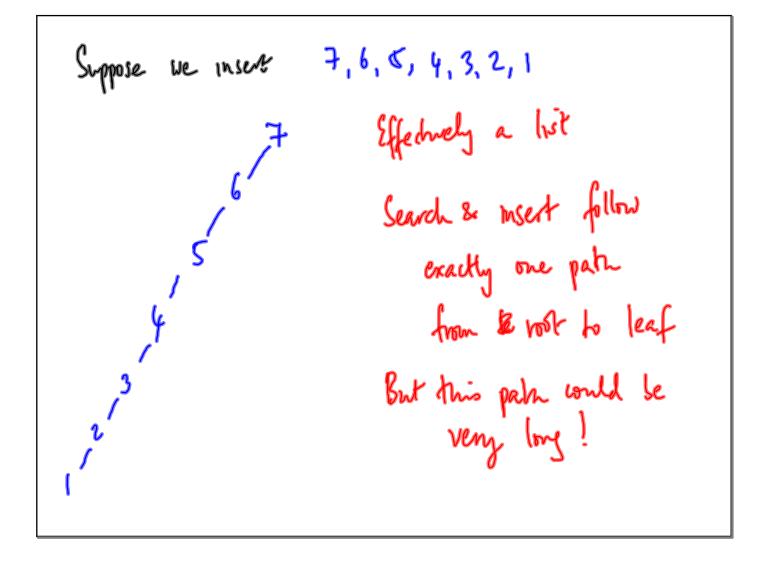




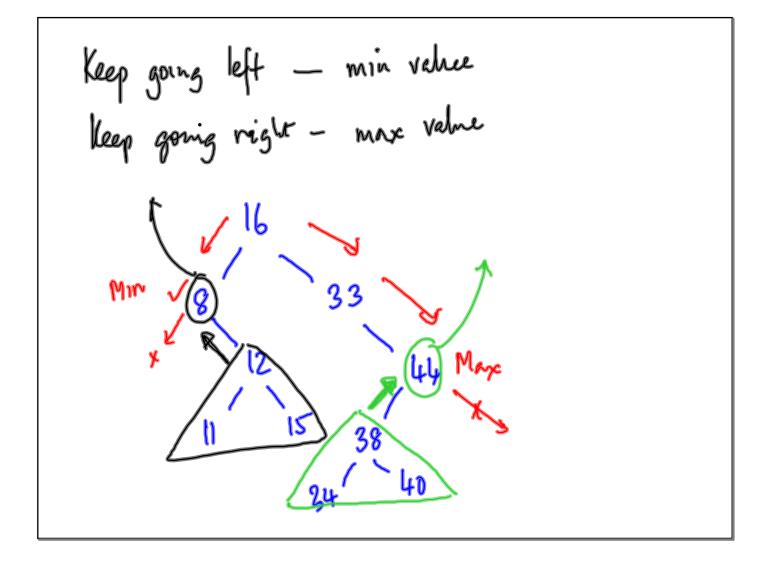








What about delete? If v excists, delete it Find v - search replace with a value that is consistent with subvees Promote max value in left or min value in right



Jelete Deletemax / Deletemin