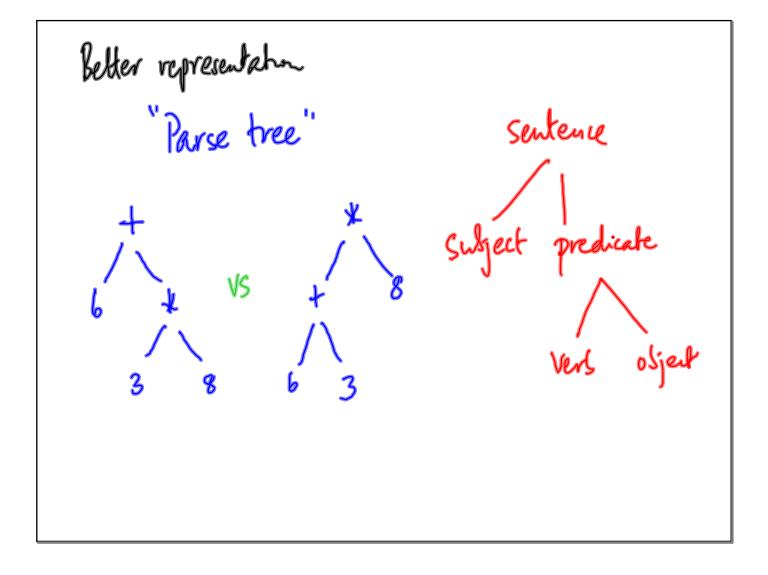
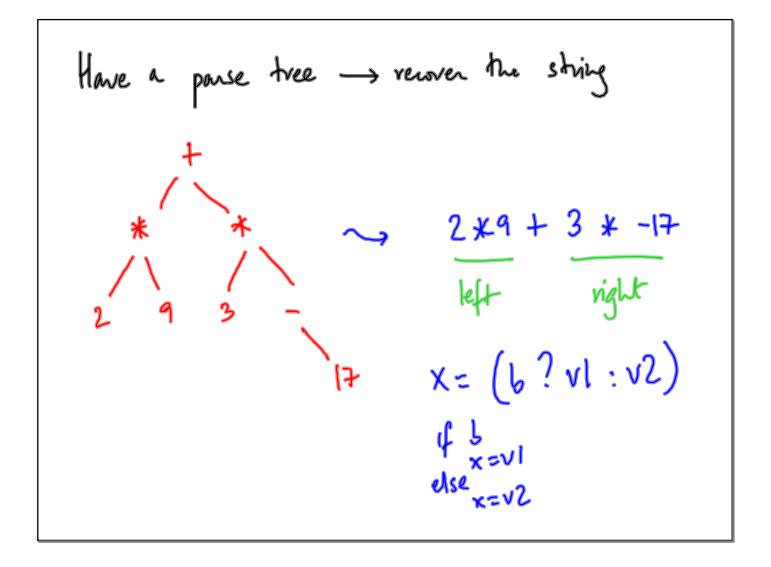
Trees
Record shuchne of expressions

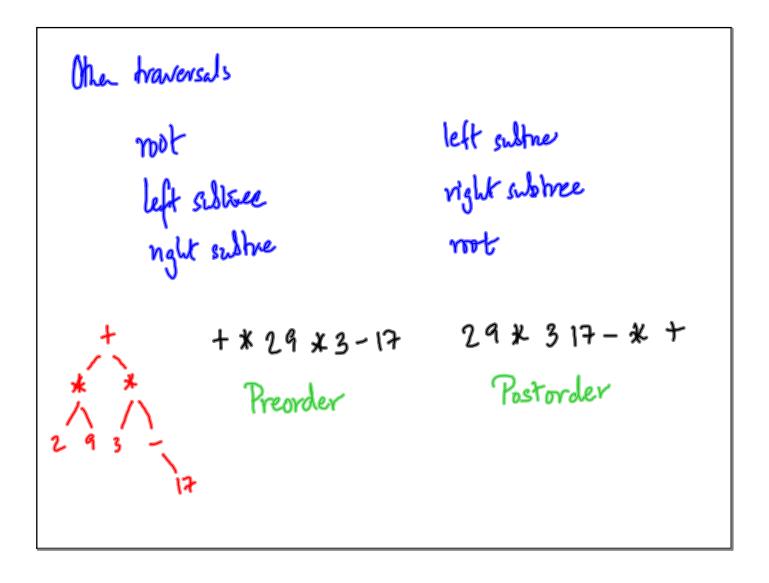
$$6+3 \times 8$$
 BODMAS $\rightarrow 6+24=30$
if $x:=if$ $y:=else:=$
Avoid embiguity \rightarrow Parentneses
 $b+(3 \times 8)$ vs $(b+3) \times 8$



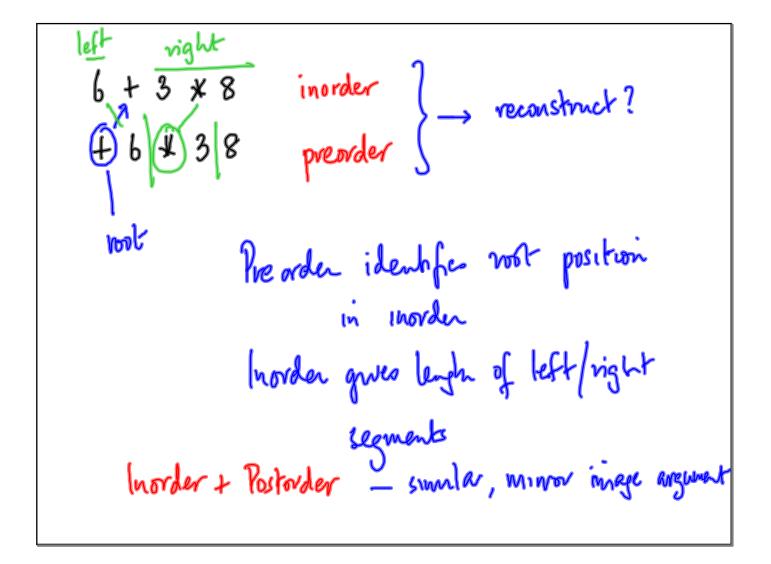


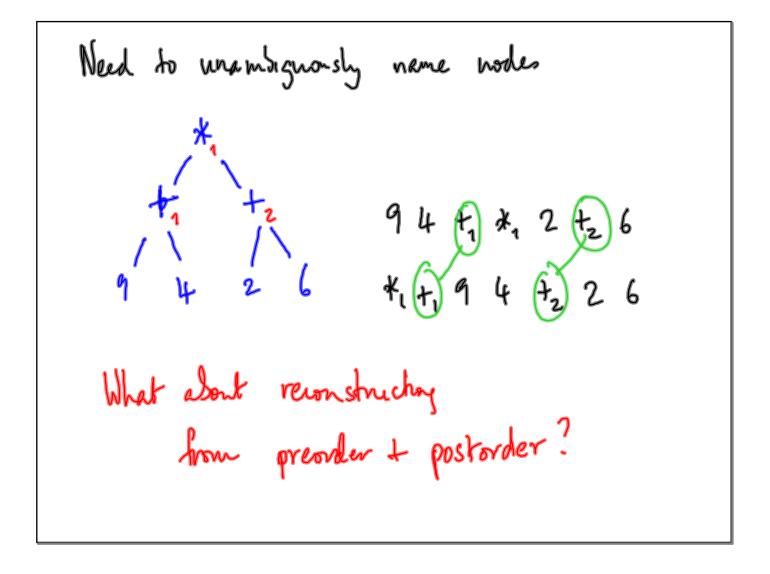
Th

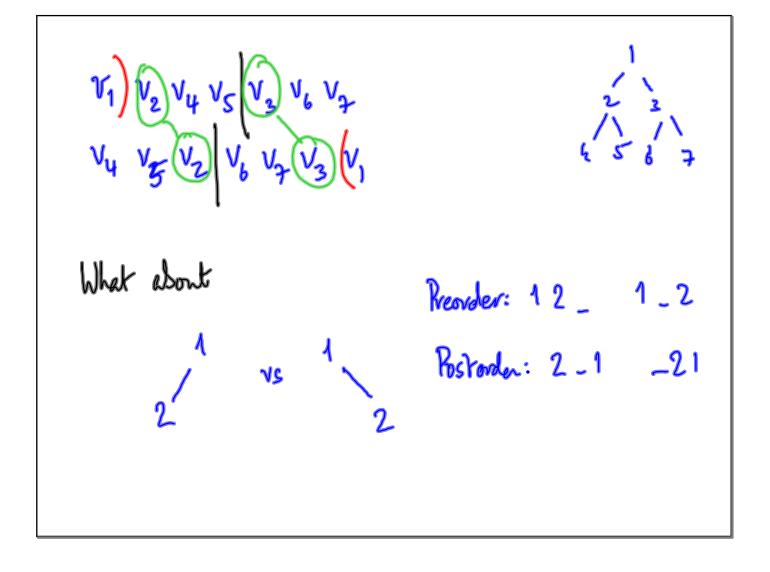
Tree
$$\rightarrow$$
 String
left subtree \rightarrow String
Root
Right subtree \rightarrow String
linorder
trevensal
of the
tree
Other traversels are possible

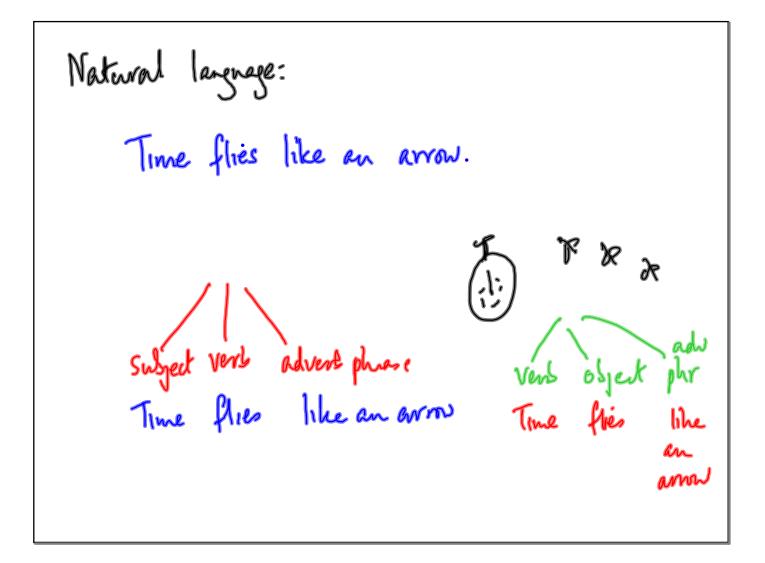


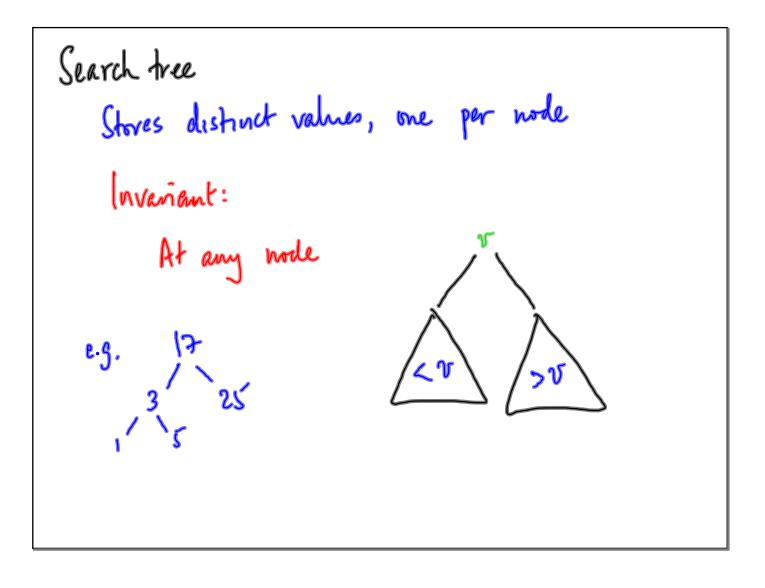
Γ

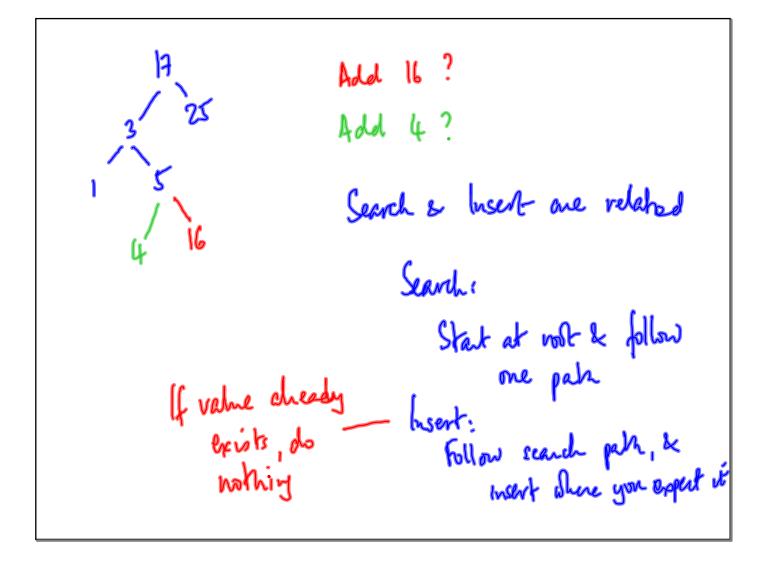


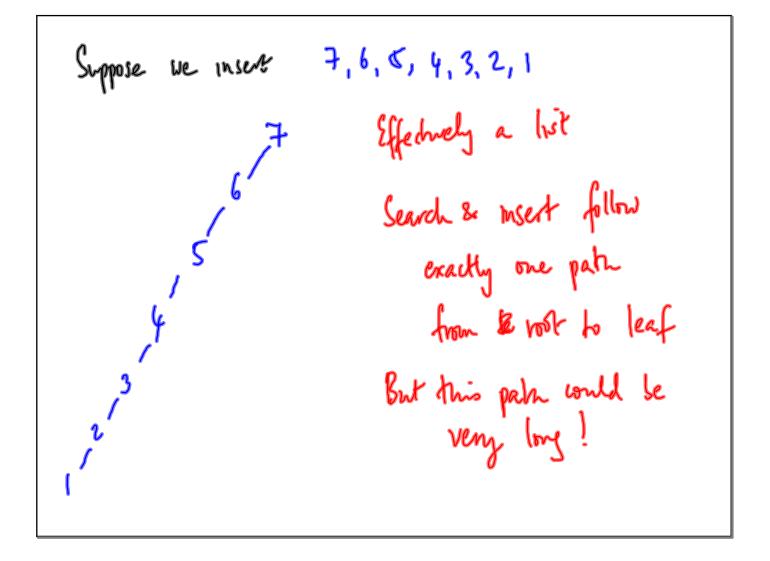




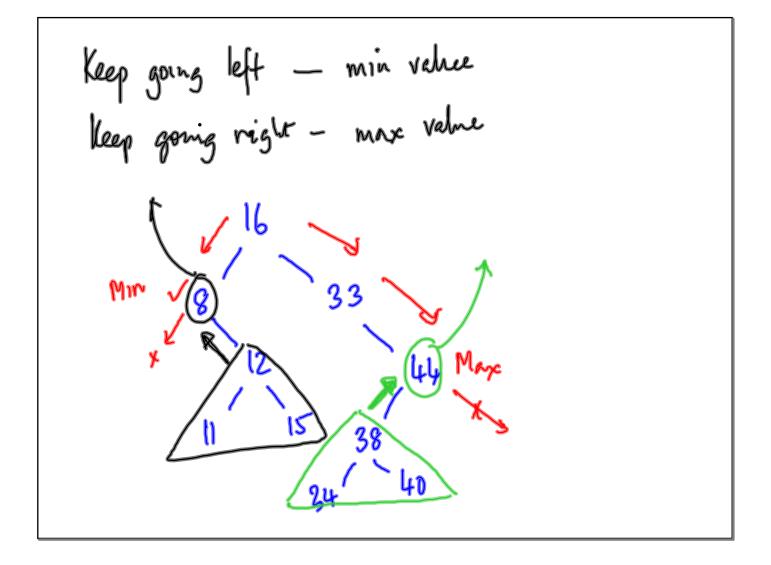








What about delete? If v excists, delete it Find v - search replace with a value that is consistent with subvees Promote max value in left or min value in right



Jelete Deletemax / Deletemin