Insert D

D>A
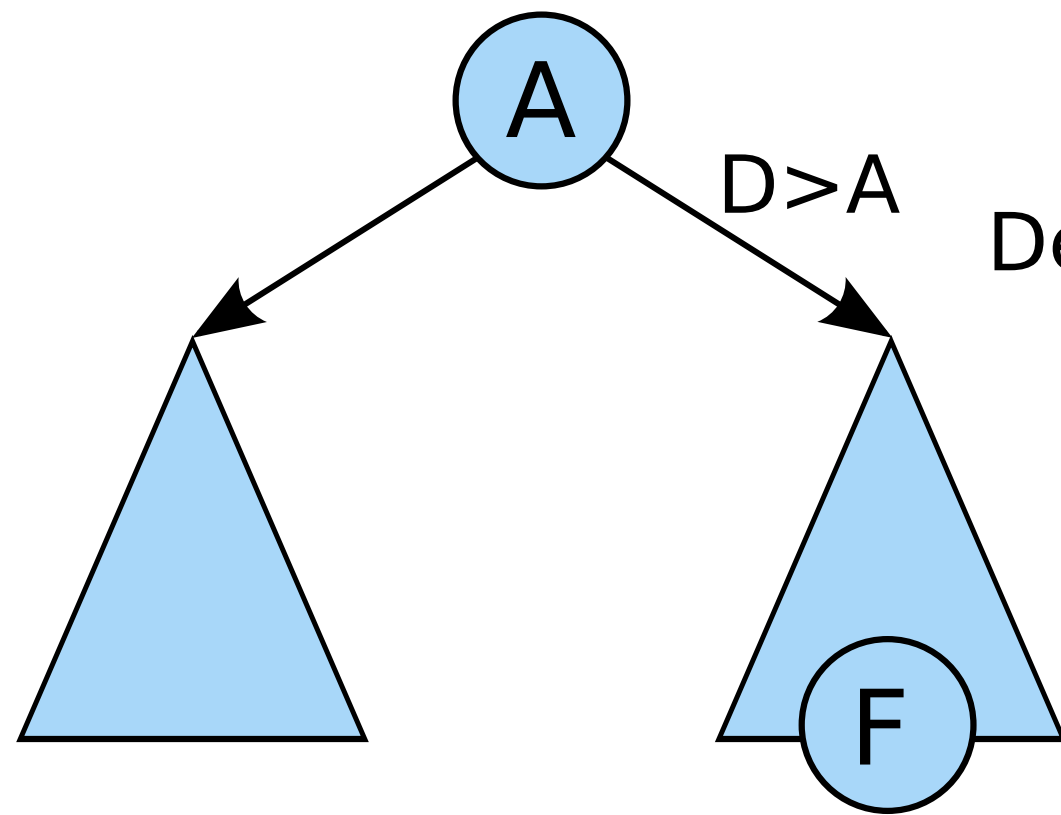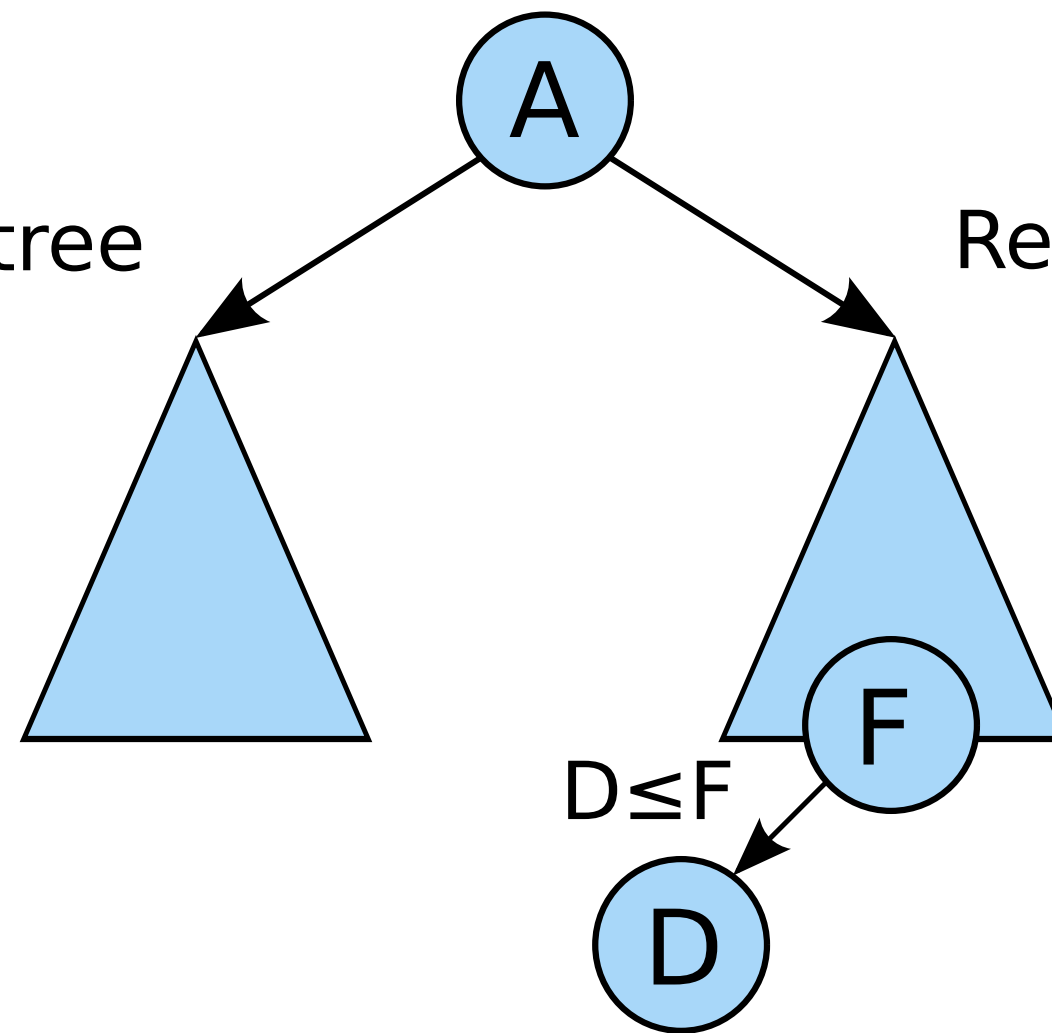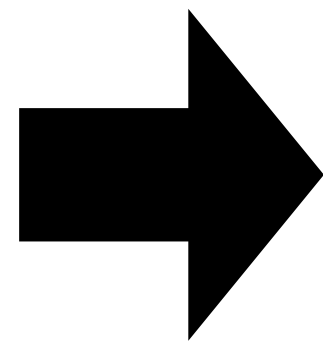
Descend the tree

D≤F

Rebalance the tree