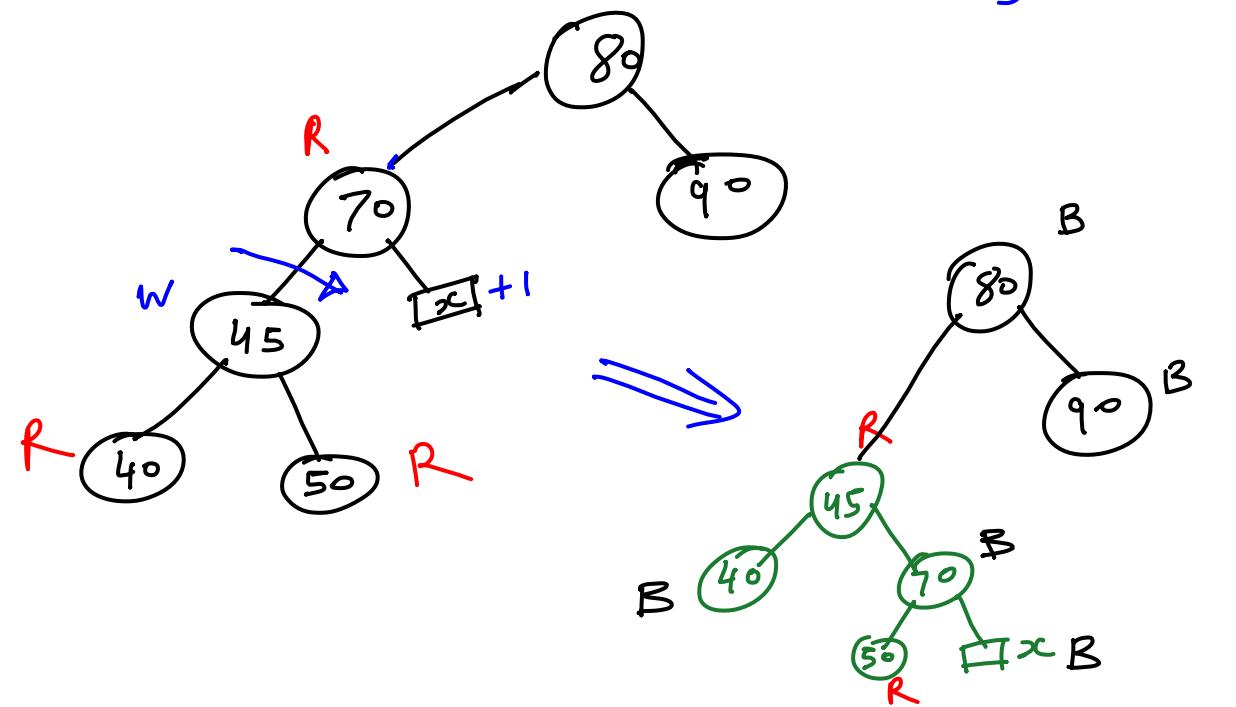
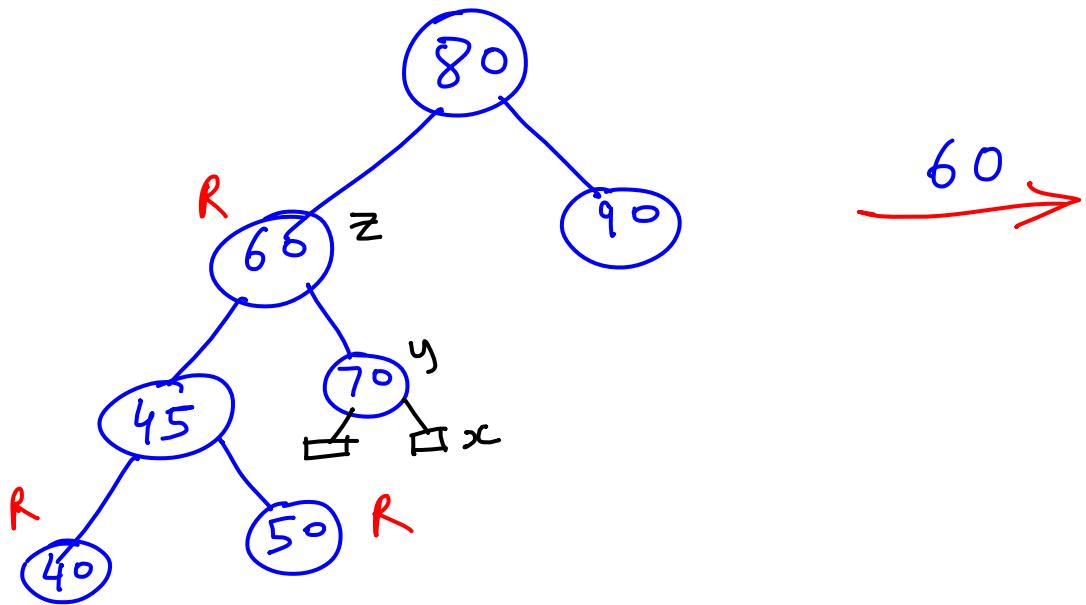
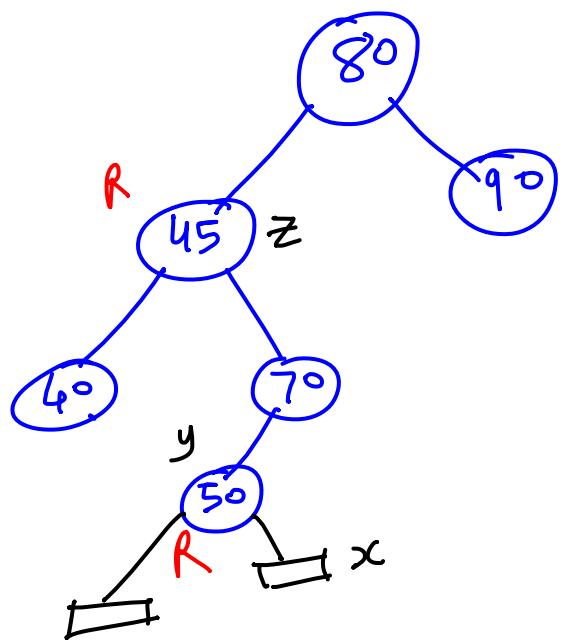


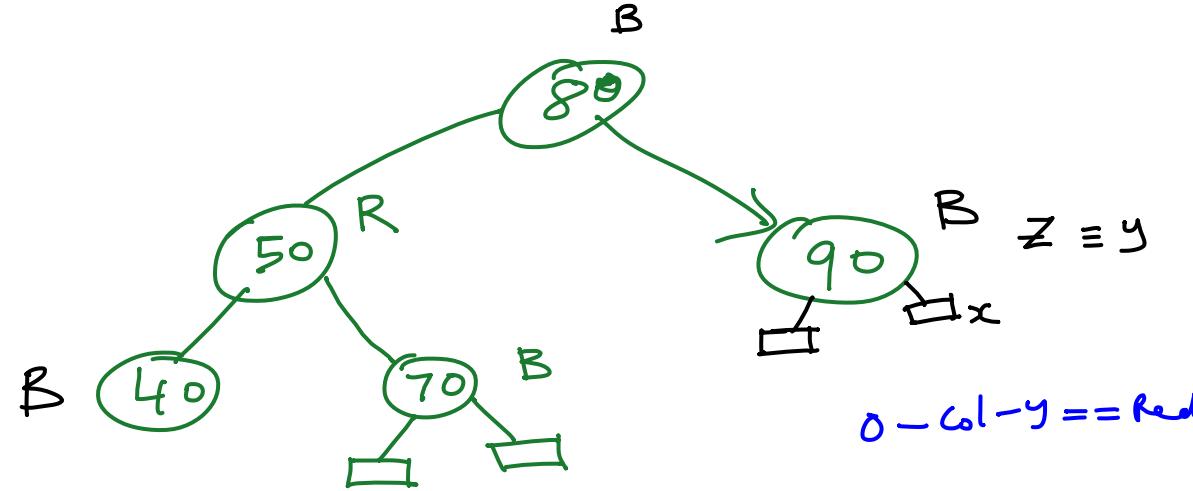
## Example run of Deletion in R-B Tree algorithm

At the end of our insertion example we had

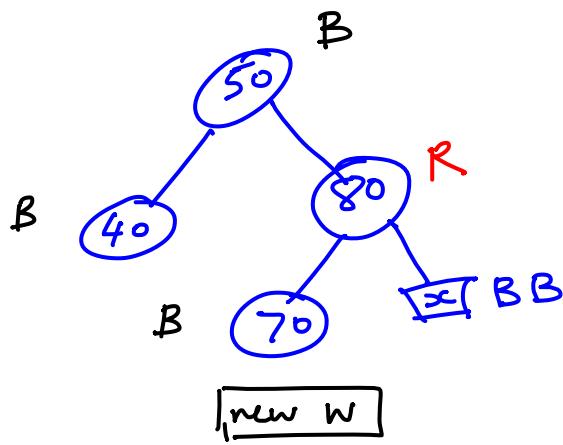




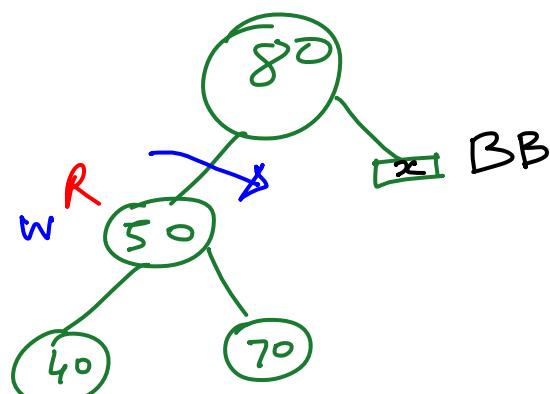
$\xrightarrow{45}$



$z \equiv y$

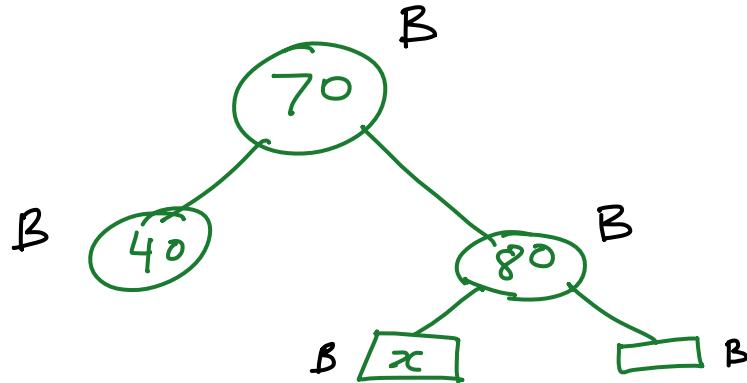
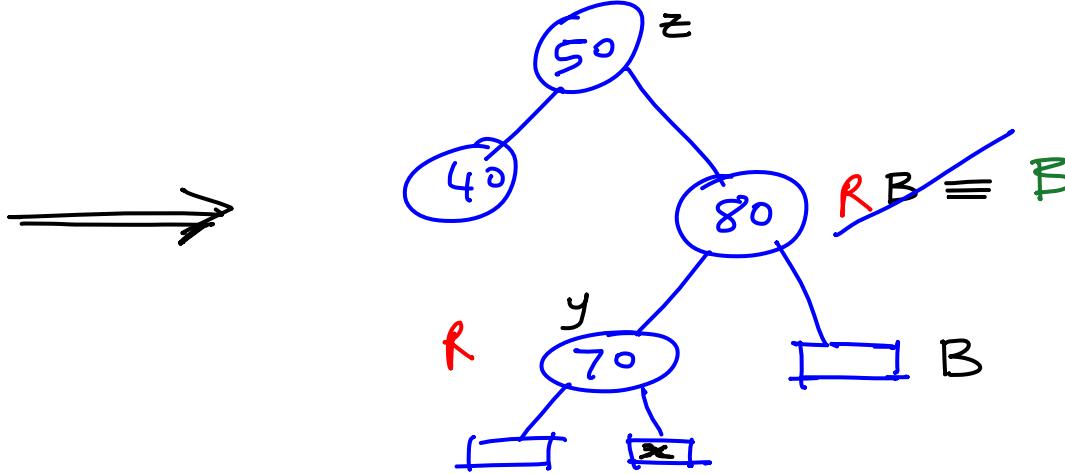
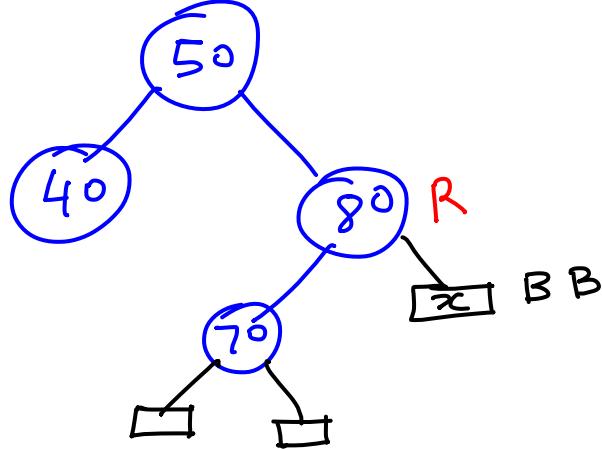


$\leftarrow$



$\downarrow$

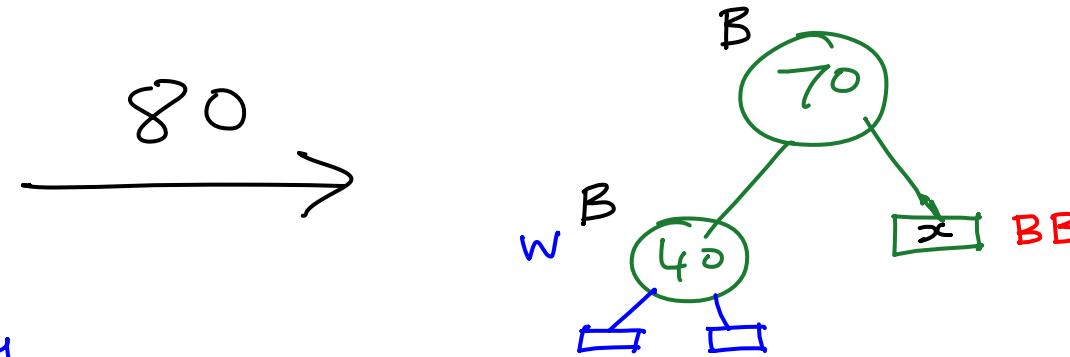
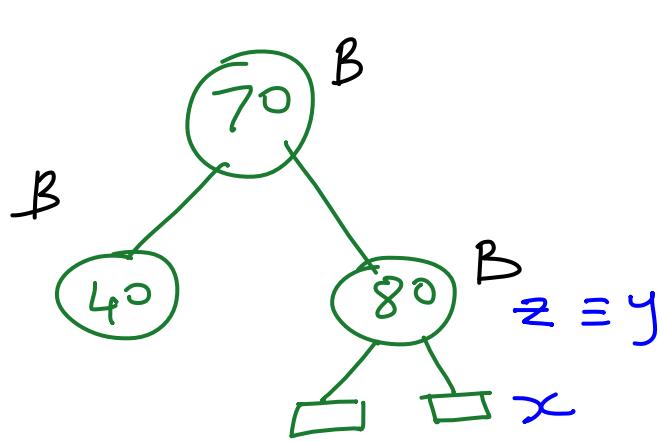
$o - col - y == \text{black}$



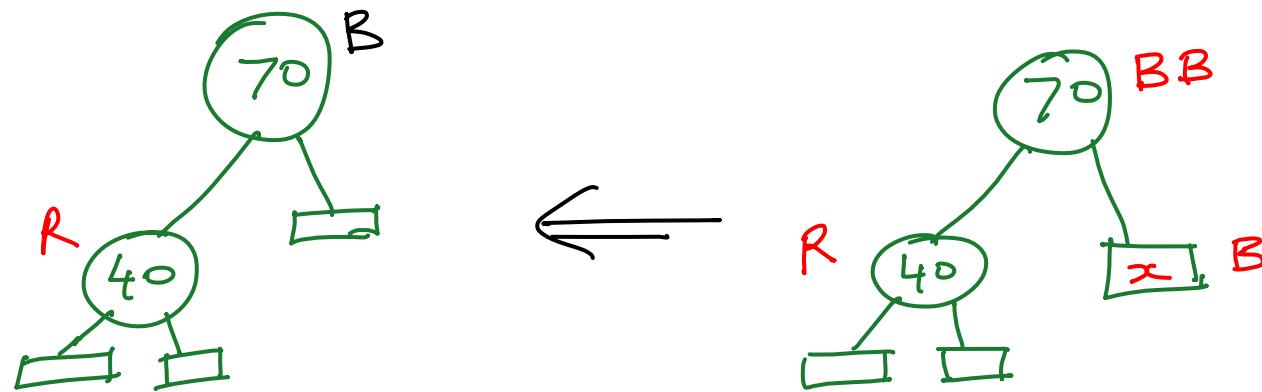
$z = 50$   
 $y = 70$   
 $x = \text{right child of } 70$

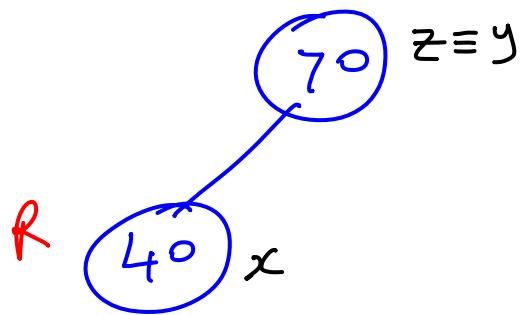
$o - g1 - y == \text{red}$





$0 - Col - y == \text{black}$

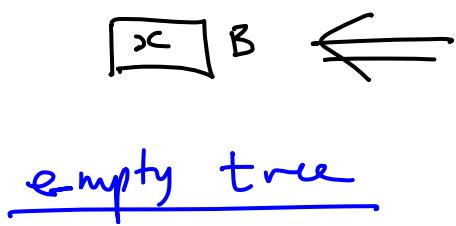




70



$0 - \text{col} - y == \text{black}$



$\boxed{x}$  BB

$0 - \text{col} - y == \text{black}$

