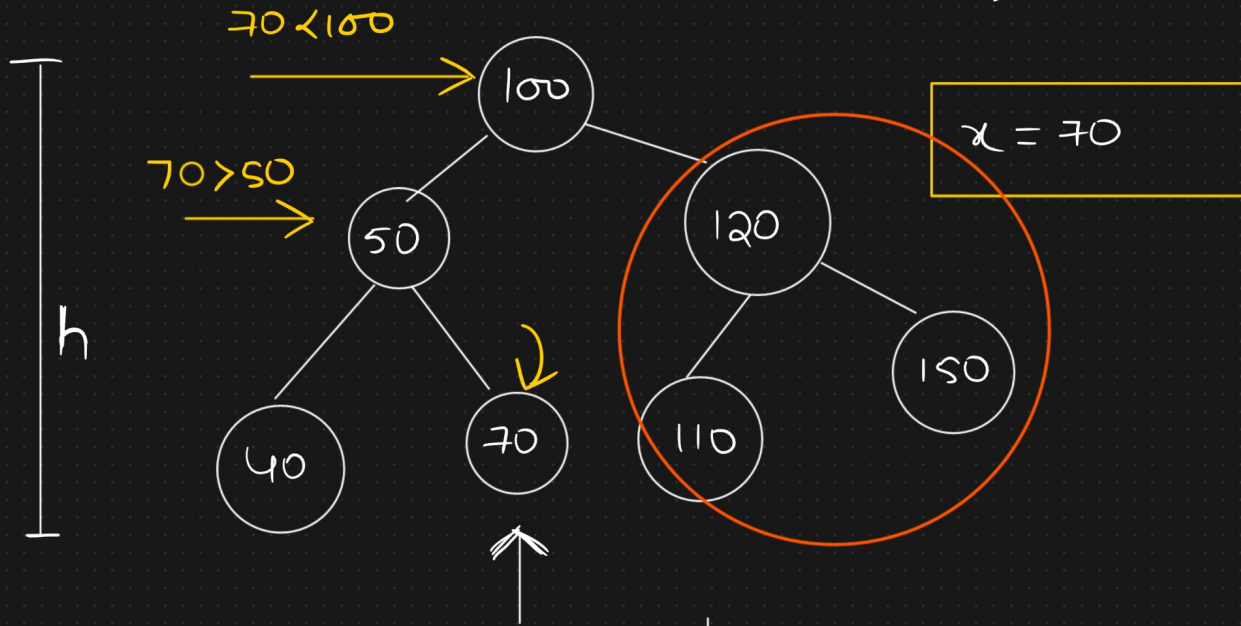


## Search BST

100, 50, 70, 120, 150, 110, 40



Balanced BST

$$T(n) = T(n/2) + c$$

$$= \underline{\underline{O(\log n)}}$$

Imbalanced BST

(Skewed Left/Right)

$$T(n) = T(n-1) + c$$

$$= \underline{\underline{O(n)}}$$