

## Question 1

1)a

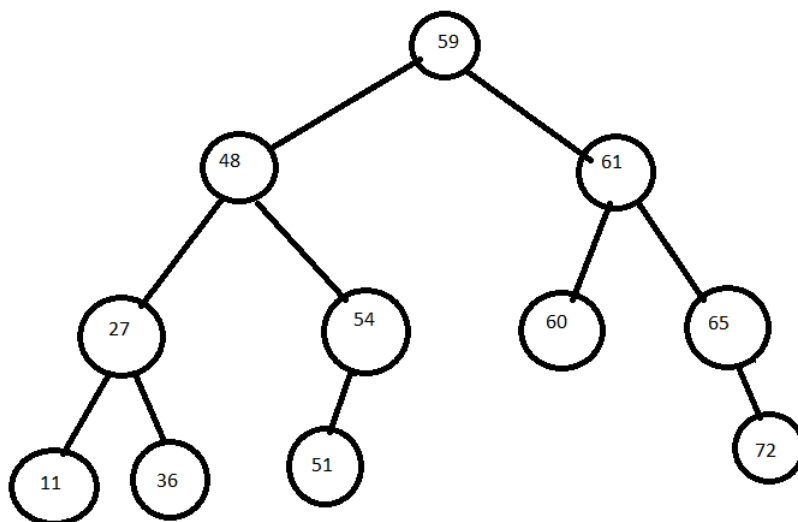
Preorder Traversal:  $-3 * 58 + 41^7$

InOrder Traversal:  $3 - [5 * 8] / [4^1 + 7]$

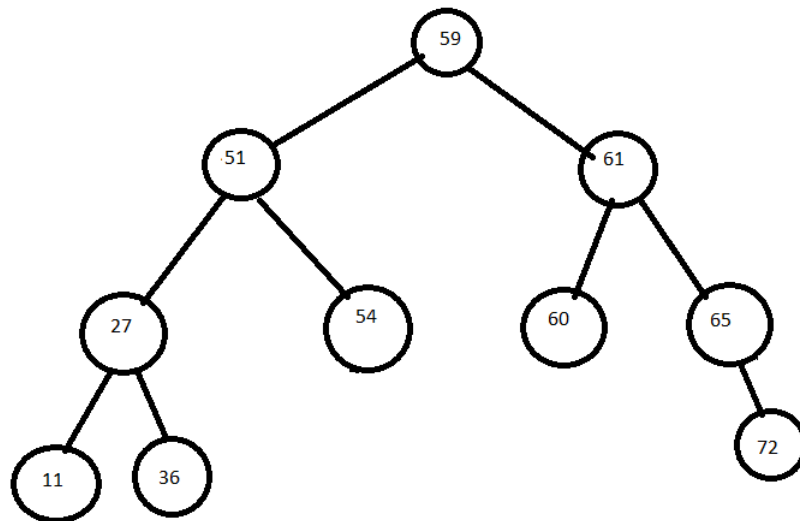
PostOrder Traversal:  $358 * -41^7 + /$

1)b

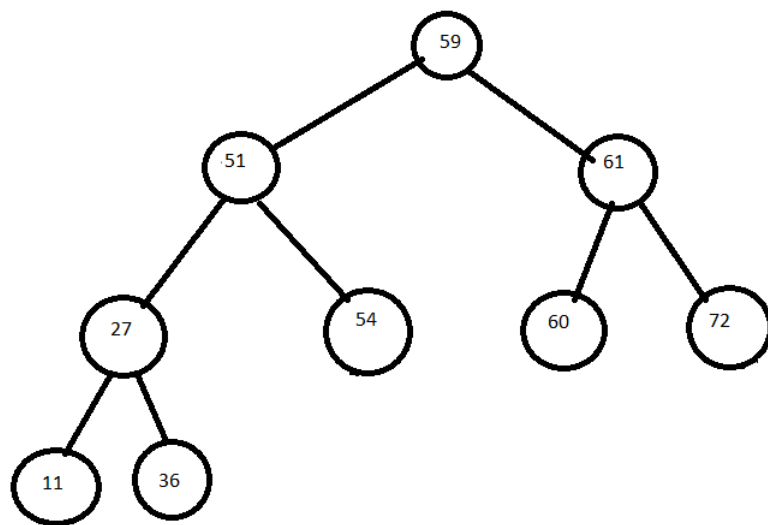
Insertion:



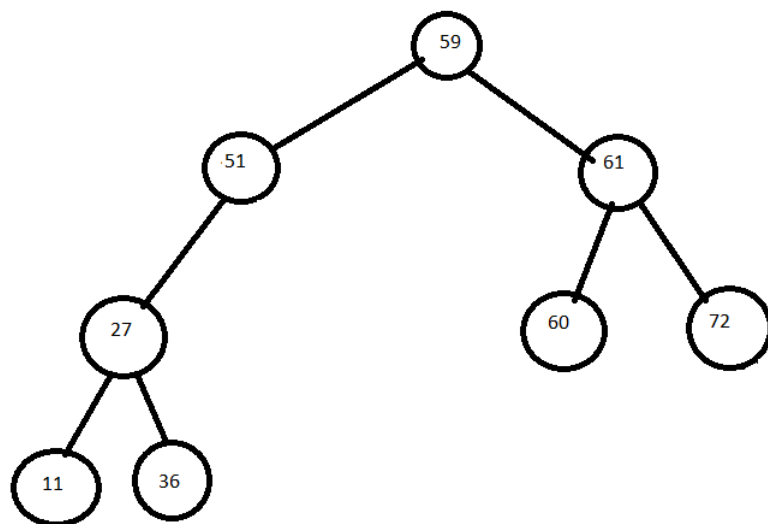
Deletion 48



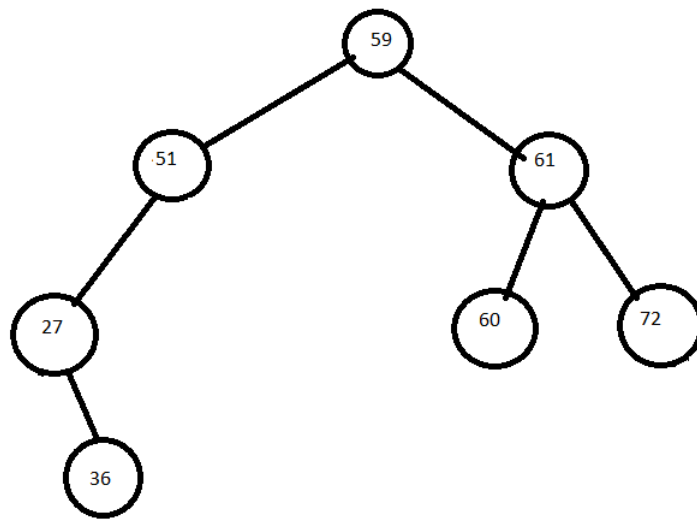
Deletion 65



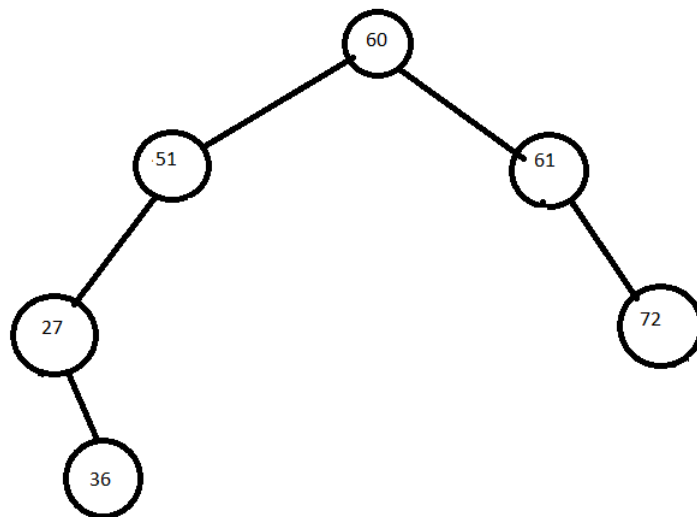
Deletion 54



Deletion 11



Deletion 59



1)c

For Warlock  $2^h - 1 = 7$ ,  $h = 3$  it has 7 items and its height is 3 thus, with postorder traversal it is

