

Given a sorted list:

5 8 9 13 21 44 45 46

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If <u>14</u> is inserted, the list become:

5 8 9 13 14 21 44 45 46

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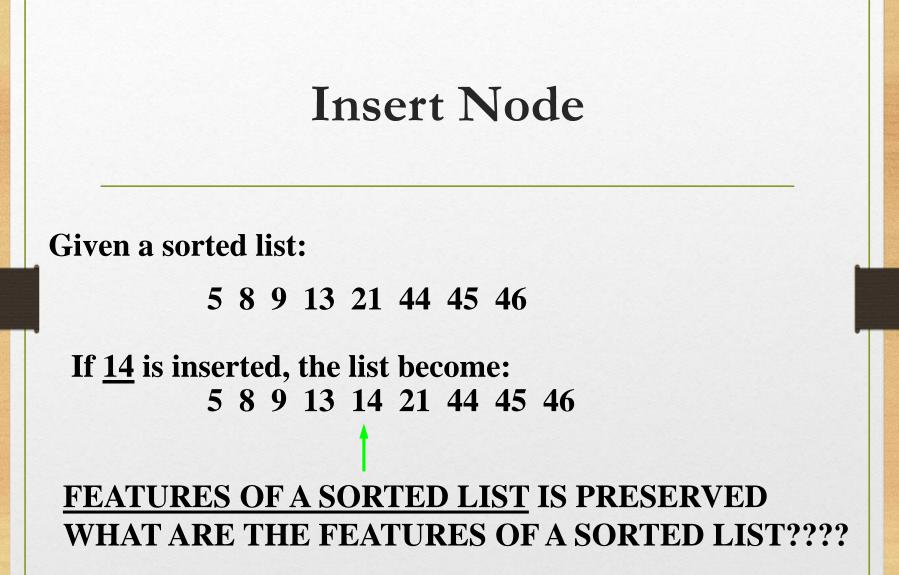


5 8 9 13 21 44 45 46

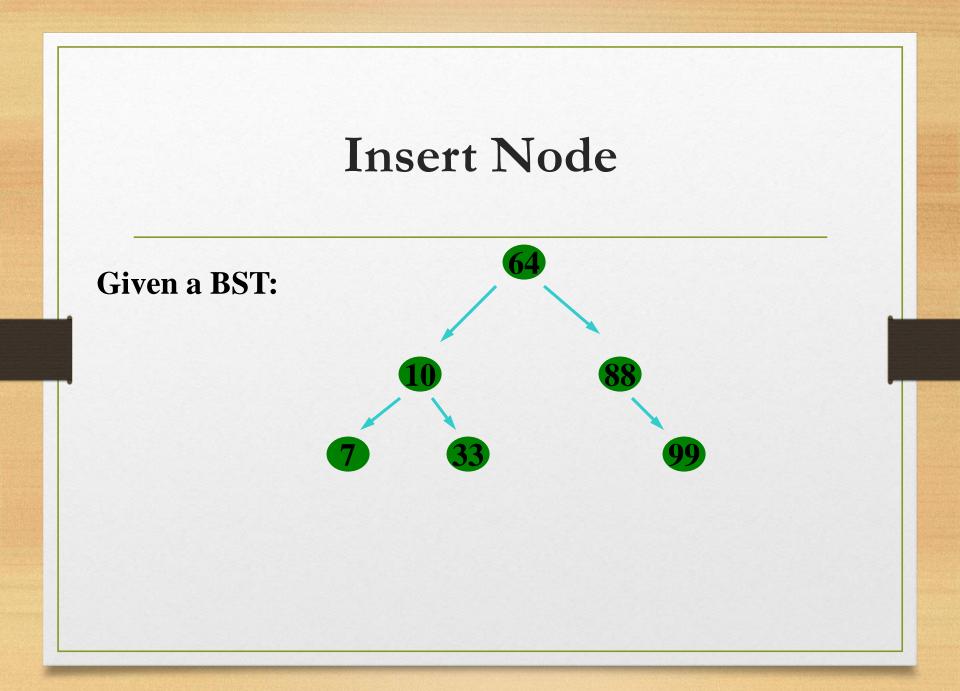
If <u>14</u> is inserted, the list become:

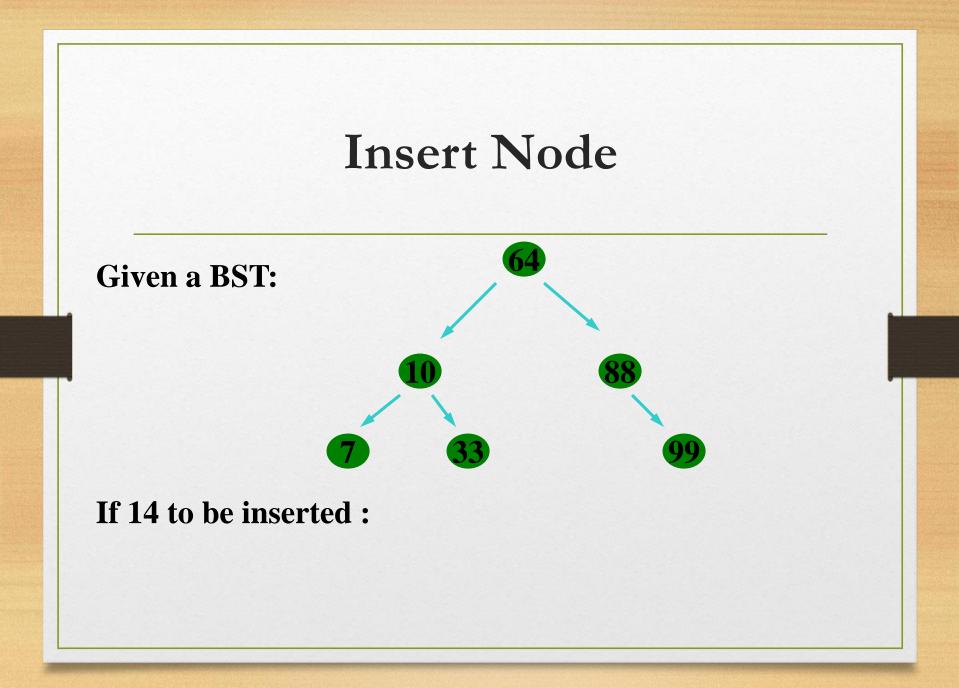
5 8 9 13 14 21 44 45 46

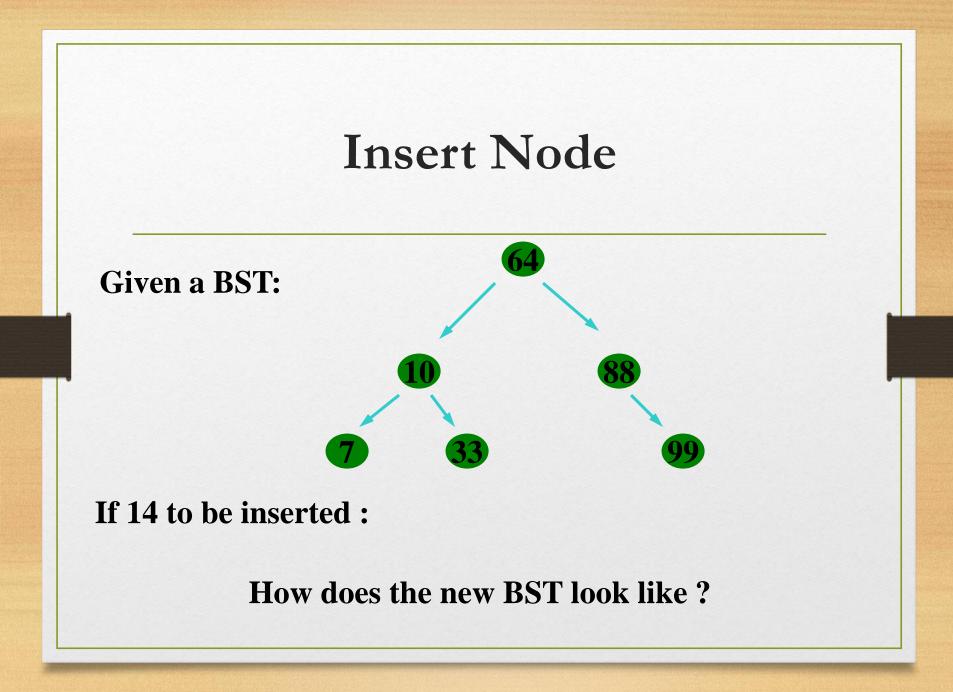
FEATURES OF A SORTED LIST IS PRESERVED

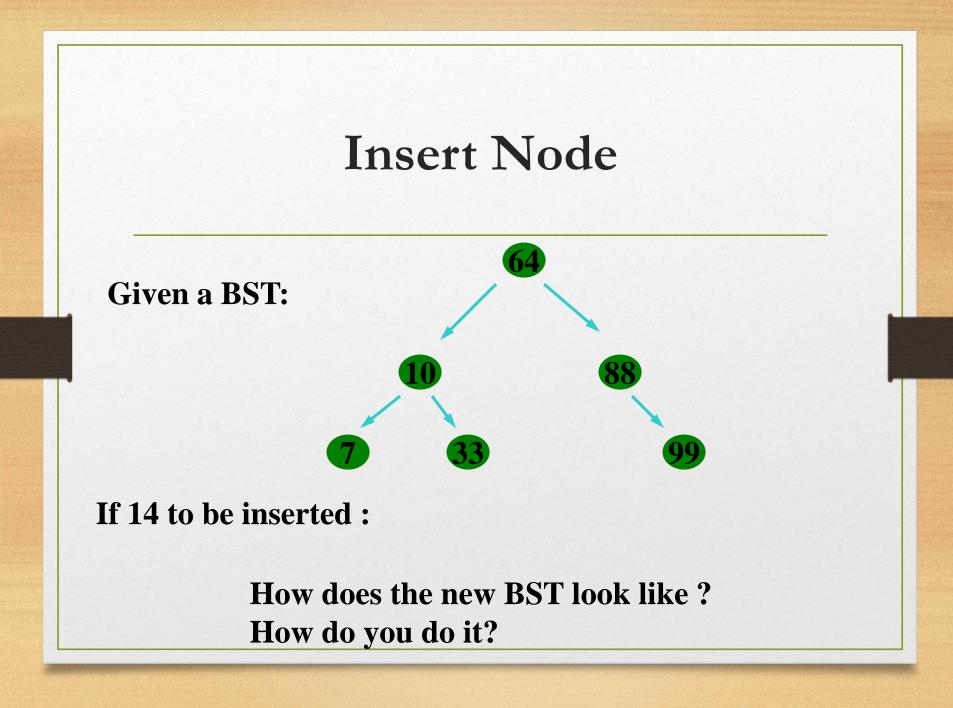


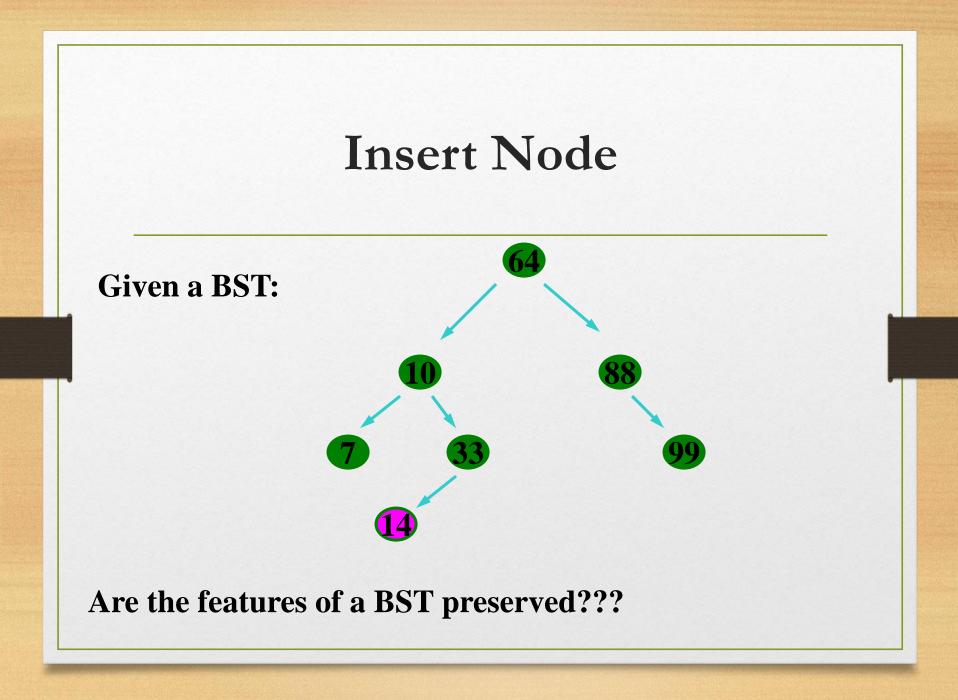
Insert Node Given a BST:

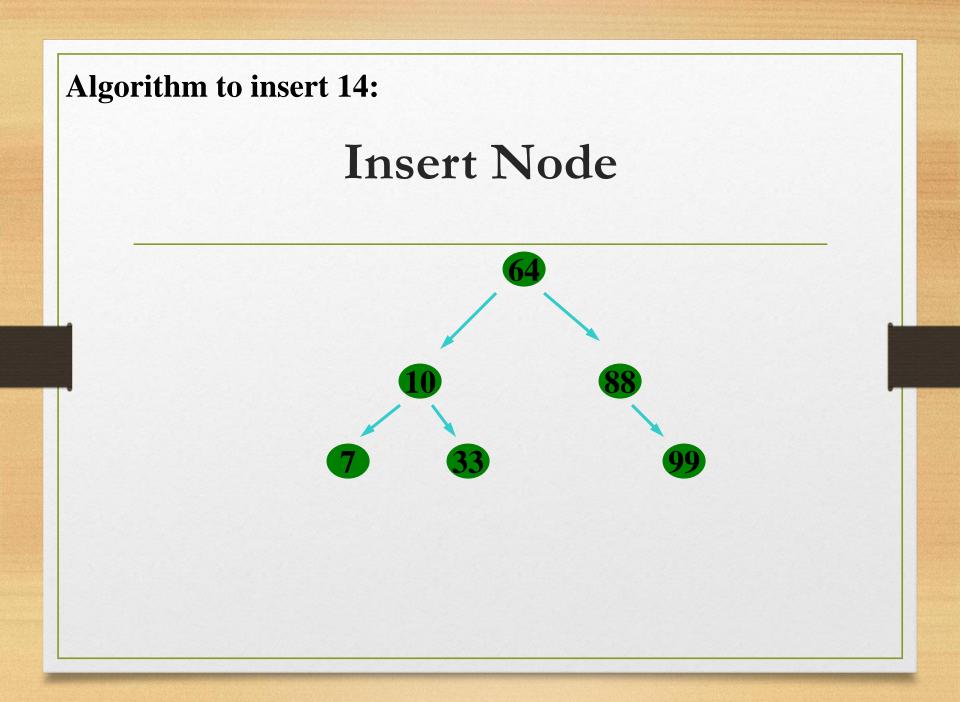


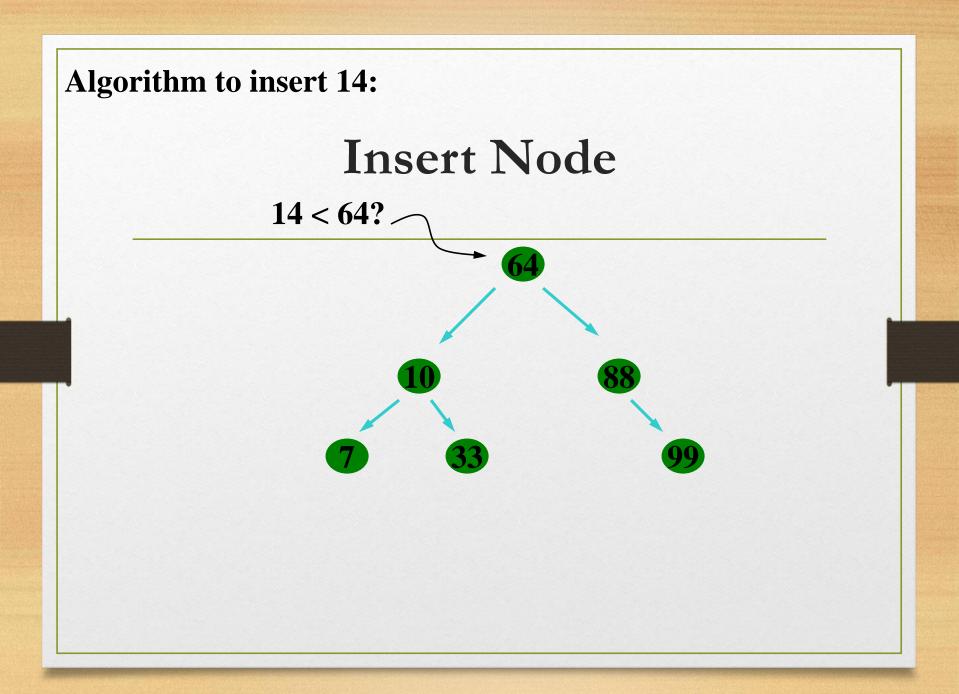


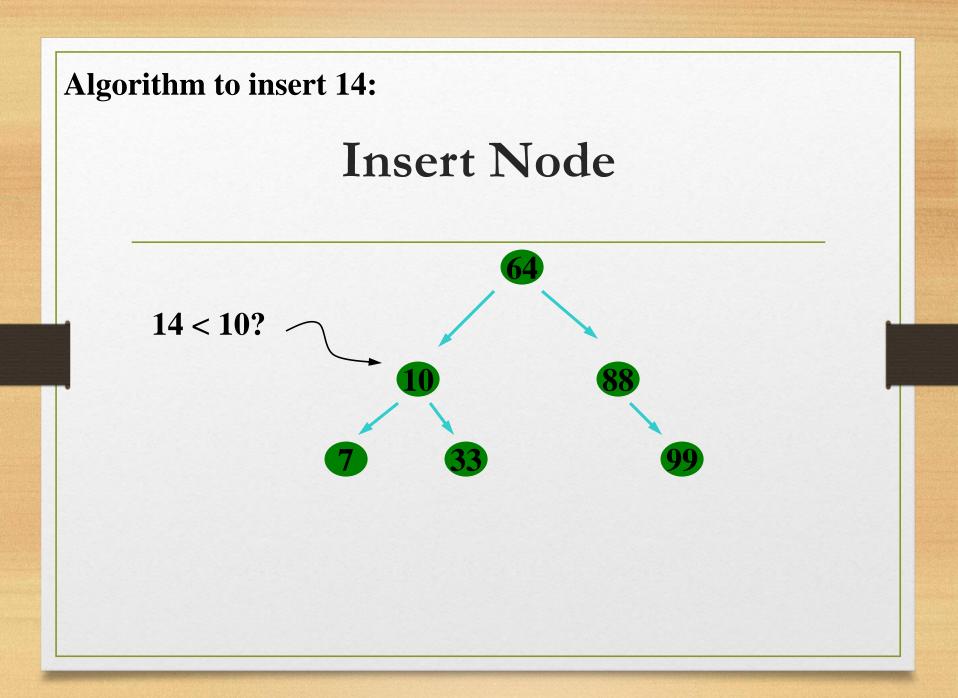


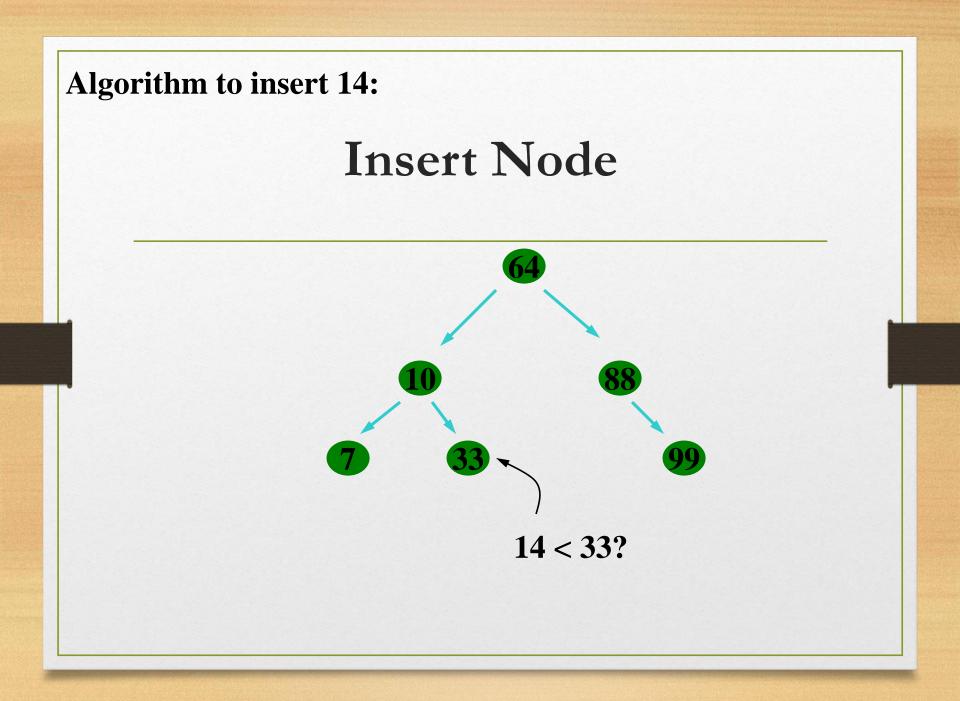


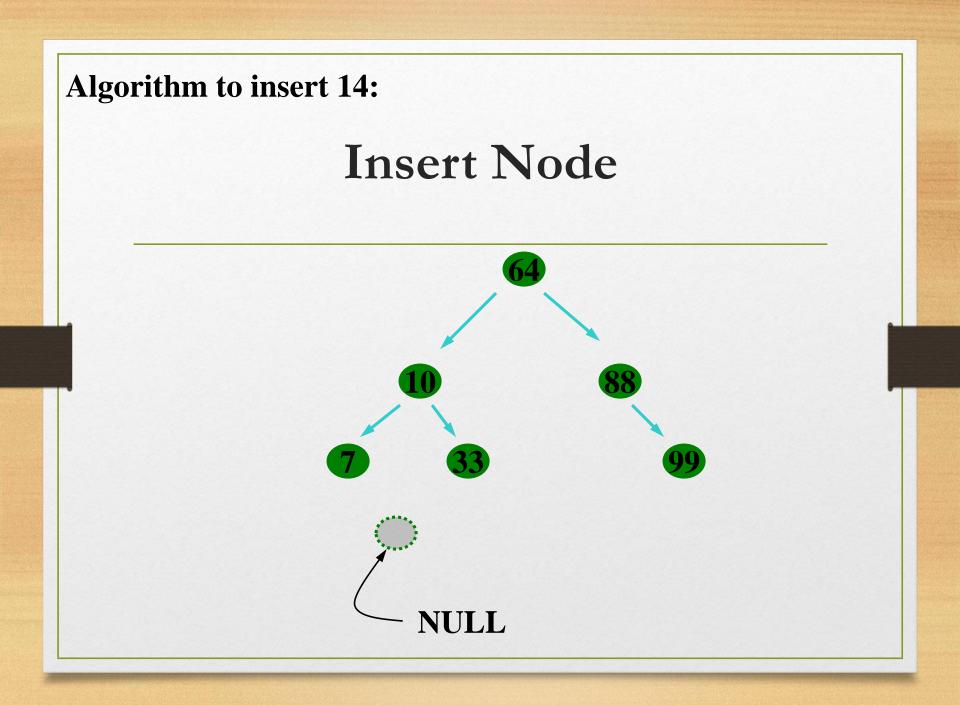


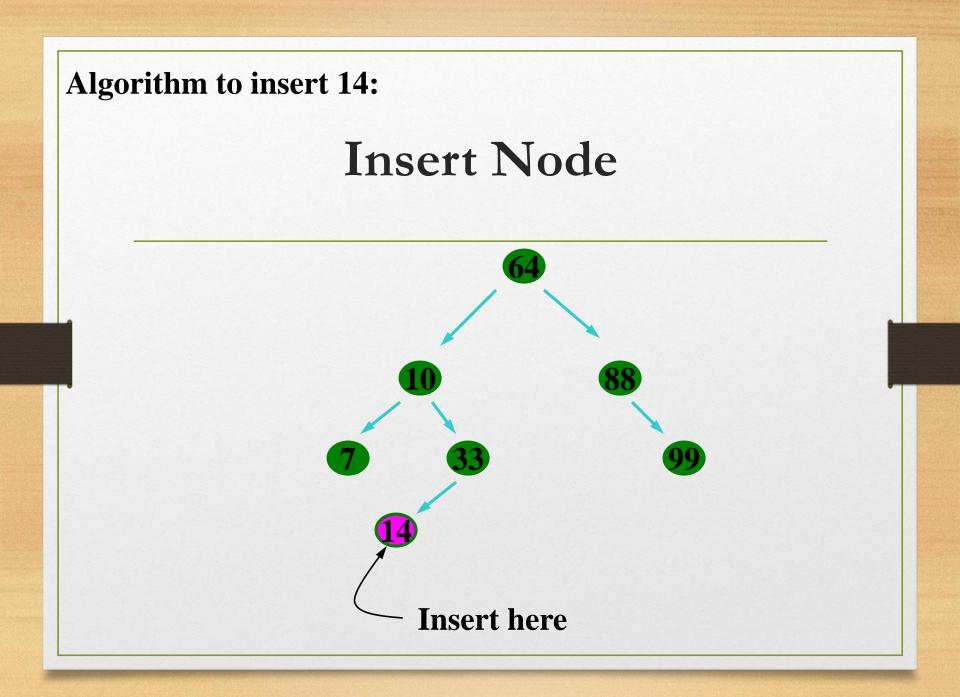


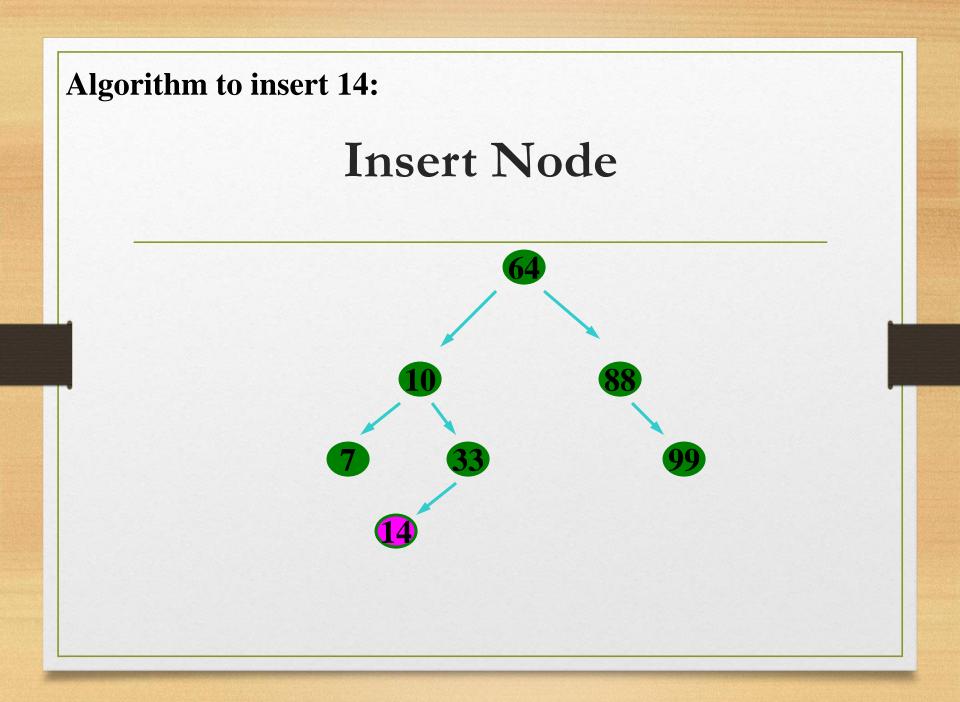


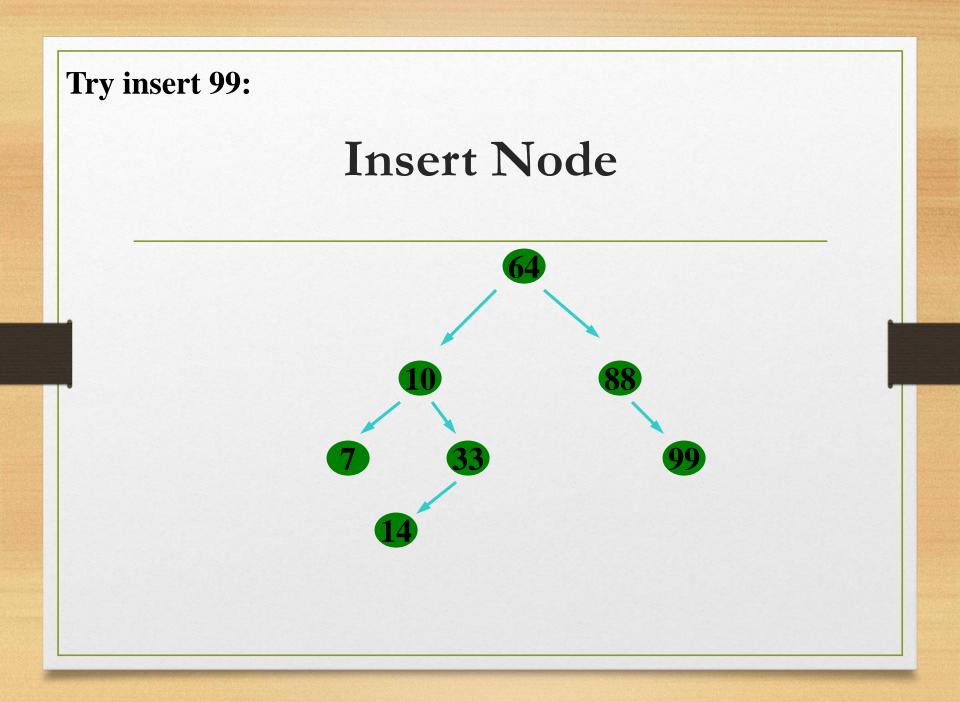


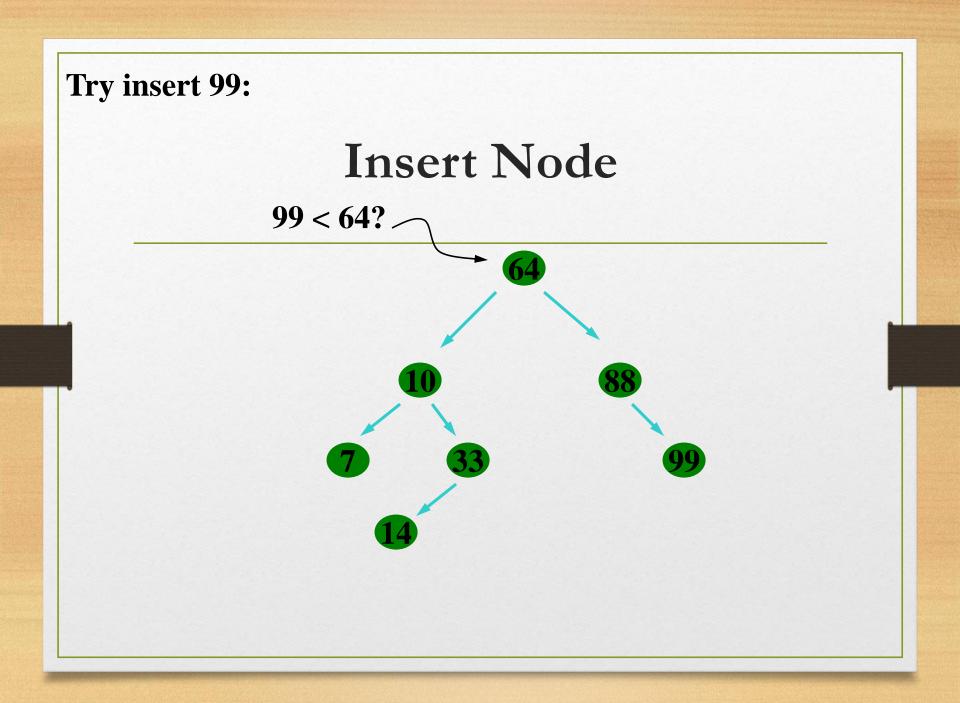


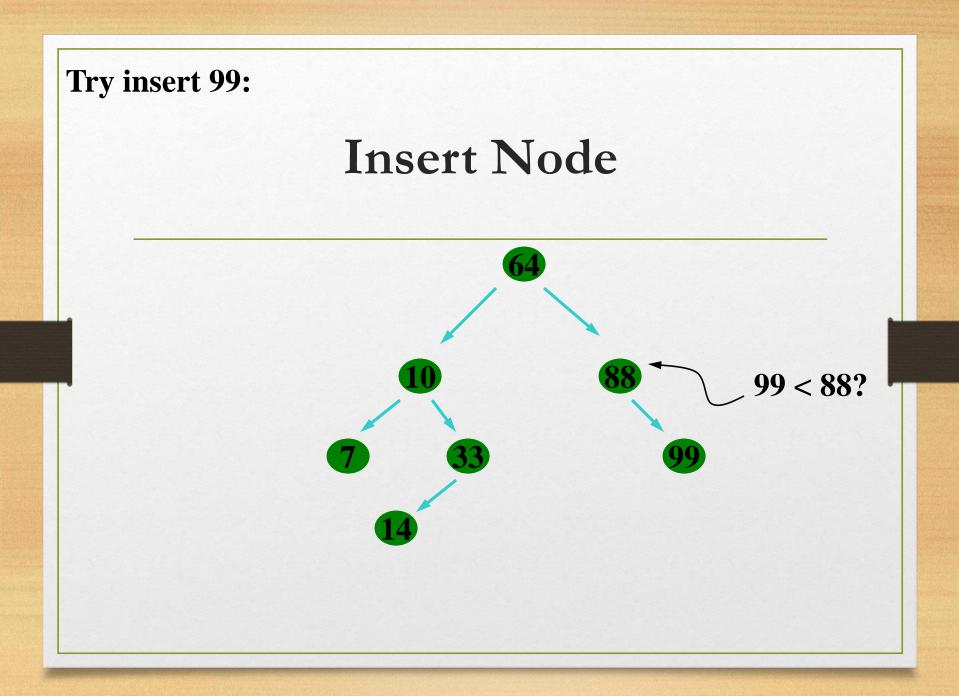


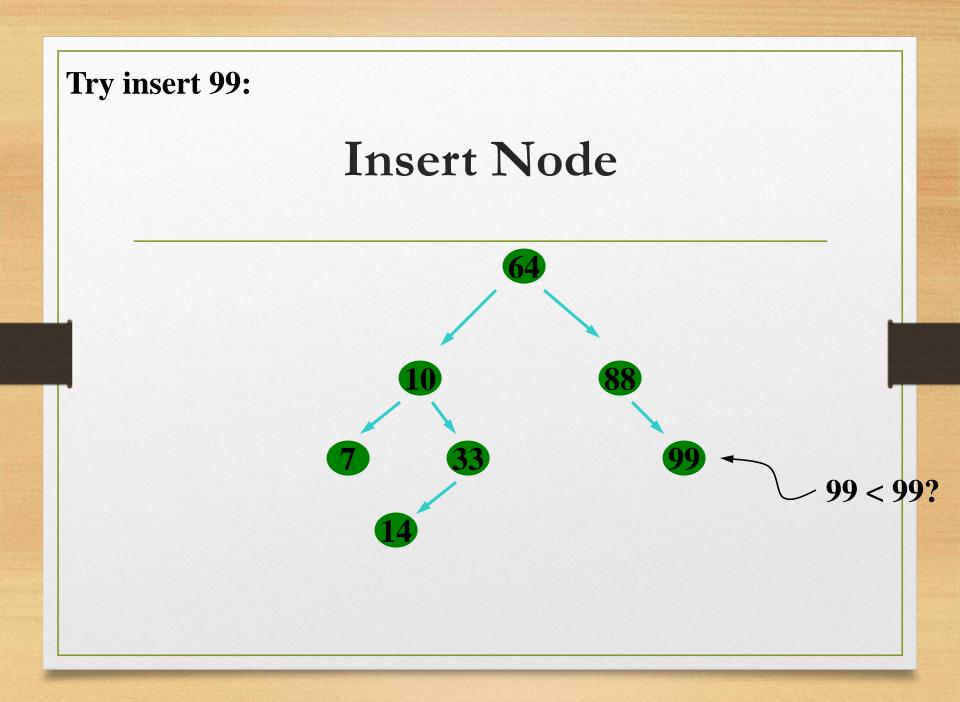












This insert algorithm is not very effective

Try building a BST using the Same algorithm for the following Sequence:

KNGICU

This insert algorithm is not very effective

Try building a BST using the Same algorithm for the following Sequence:

KNGICU

KUCING

This insert algorithm is not very effective

Try building a BST using the Same algorithm for the following Sequence:

K N G I C U K U C I N G C G I K N U

Delete Node

3 cases node deletion :

- The node to be deleted is a leaf
- The node to be deleted has 1 child
- The node to be deleted has 2 children

