

#### Lab 4: Binary Search Tree

Implement your binary search tree (BST) in python in order to complete these commands (add and del). Your output should look similar to the following.

Output:

Empty tree

Command: add 5

Inorder travelsal : 5

Command: add 3

Inorder travelsal: 3 5

Command: add 9

Inorder travelsal: 3 5 9

Command: add 12

Inorder travelsal: 3 5 9 12

Command: add 4

Inorder travelsal: 3 4 5 9 12

Command: add 1

Inorder travelsal: 1 3 4 5 9 12

Command: del 5

Inorder travelsal: 1 3 4 9 12

Command: add 10

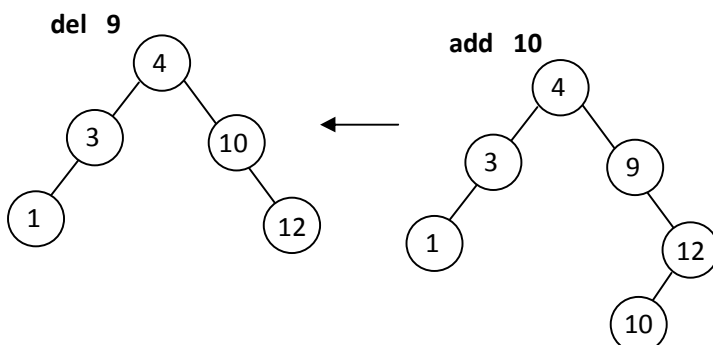
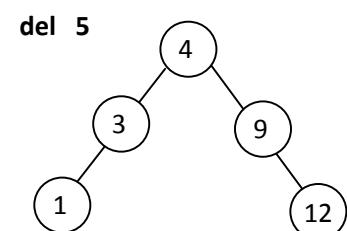
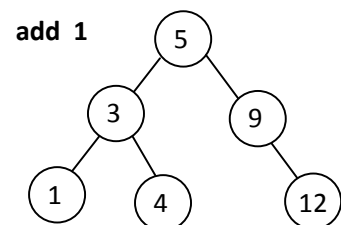
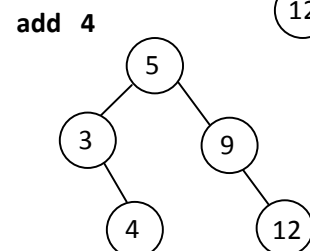
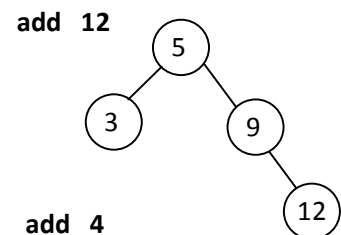
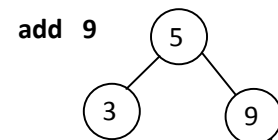
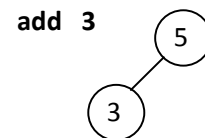
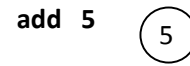
Inorder travelsal: 1 3 4 9 10 12

Command: del 9

Inorder travelsal: 1 3 4 10 12

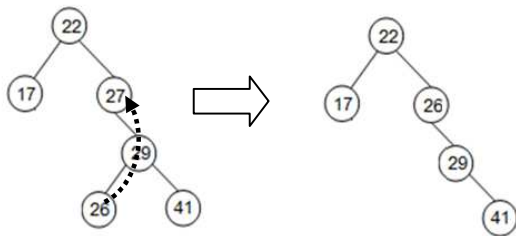
Command:

Empty tree

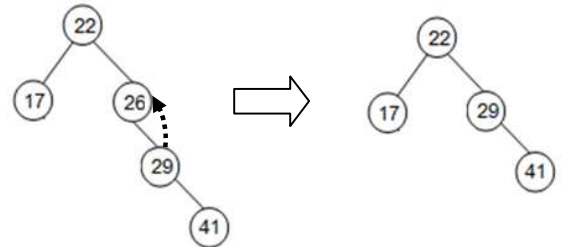


**ตัวอย่าง** ในการลบโหนด และปรับโครงสร้าง BST แสดงดังตัวอย่างต่อไปนี้

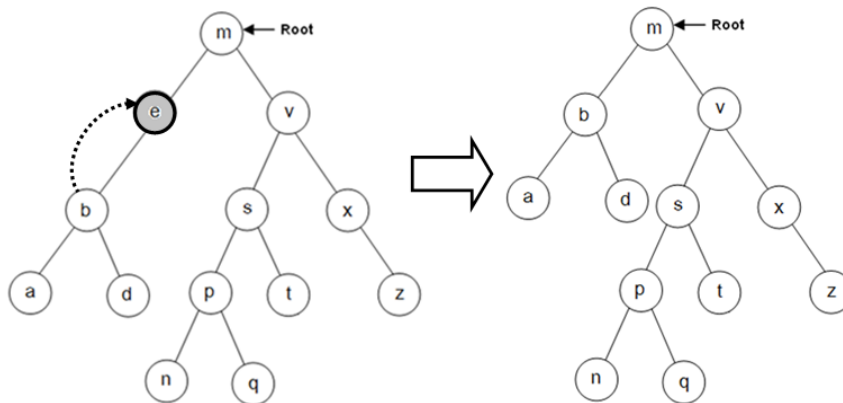
**ลบโหนด 27**



**ลบโหนด 26**



**ลบโหนด e**



**ลบโหนด r**

