Trinode Restructuring after **Insertion**: **Left Rotation**

- Insert the following sequence of **keys** into an empty BST:
  <44, 17, 78, 32, 50, 88, 95>
- Insert 100 into the BST.

Trinode Restructuring: Single, Right Rotation

Trinode Restructuring after **Insertion**: **Right Rotation**

- Insert the following sequence of **keys** into an empty BST:

  <44, 17, 78, 32, 50, 88, 48>
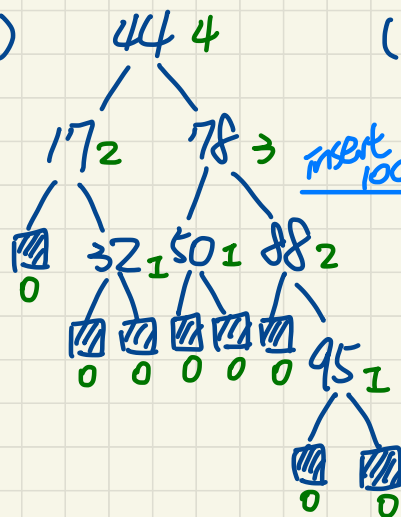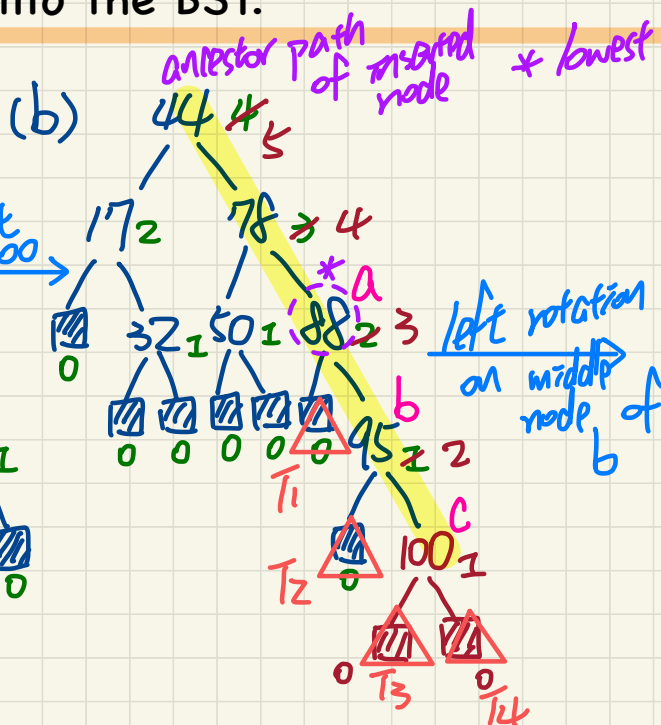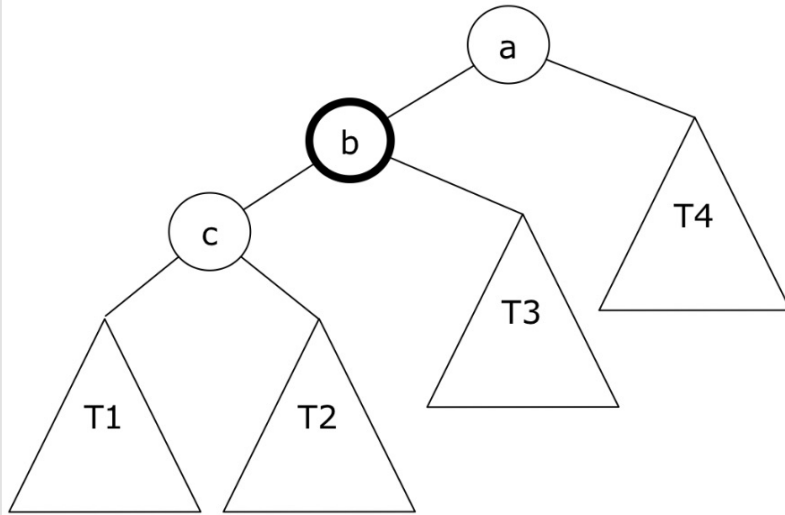
- Insert 46 into the BST.

Trinode Restructuring after Insertion: R-L Rotations

- Insert the following sequence of keys into an empty BST:
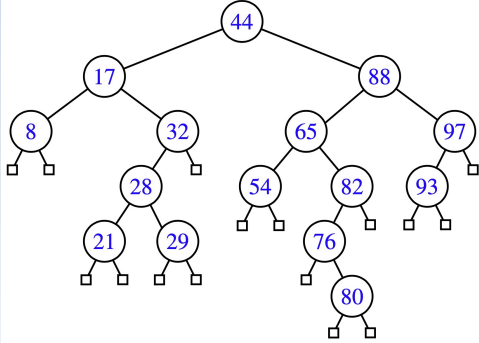
  <44, 17, 78, 32, 50, 88, 82, 95>

- Insert 85 into the BST.

Trinode Restructuring after Insertion: L-R Rotations

- Insert the following sequence of keys into an empty BST:
  <44, 17, 78, 32, 50, 88, 48, 62>
- Insert 54 into the BST.

Visualizing BST Operation: Deletion

Case 1: Delete Entry with Key 31

Case 2: Delete Entry with Key 80
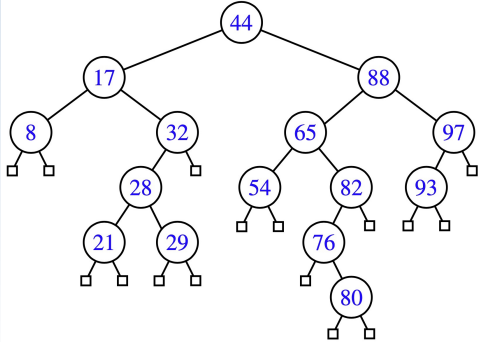
Case 3: Delete Entry with Key 32