

Binary Search Tree using Linked List

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Print BST

Here are the values inside the BST:
10 20 30 40 50

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Insert node to binary tree

Value

Insert

5 is successfully inserted in the BST.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Delete node from binary tree

Value

Delete

5 is successfully deleted from the BST.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Minimum

The minimum value in the BST is 10.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Maximum

The maximum value in the BST is 50.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Successor

Value

Successor

The successor of 30 is 40.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Predecessor

Value

Predecessor

The predecessor of 30 is 20.

Binary Search Tree

Insert node to binary tree

Delete node from binary tree

Minimum

Maximum

Successor

Predecessor

Search

Print BST

Search

Value

Search

30 is found in the BST.