

DSA Practical\PDF\Welcome to Binary Search Tree.pdf

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Welcome to Binary Search Tree
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:1
Do you want to insert the node
Y/y to continue or N/n to exit:y
Enter value to insert
56
Y/y to continue or N/n to exit:y
Enter value to insert
43
Y/y to continue or N/n to exit:y
Enter value to insert
76
Y/y to continue or N/n to exit:y
Enter value to insert
34
Y/y to continue or N/n to exit:y
Enter value to insert
98
Y/y to continue or N/n to exit:y
Enter value to insert
78
Y/y to continue or N/n to exit:y
Enter value to insert
42
Y/y to continue or N/n to exit:n
Exiting....
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:2
Enter value to search for:
43
Element found
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
1
34 42 43 56 76 78 98
1]Insert node in tree
2]Search for node in tree
```

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3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
2
56 34 42 43 76 78 98
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
3
34 42 43 76 78 98 56
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:4
Enter value to delete
76
Node deleted
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
1
34 42 43 56 78 98
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:
3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
2
56 34 42 43 78 98
```

```
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:3
Enter your choice:
1]Inorder Traversal
2]Preorder Traversal
3]Postorder Traversal
3
34 42 43 78 98 56
1]Insert node in tree
2]Search for node in tree
3]Traverse the tree
4]Delete the node inside the tree
5]To exit Program
Enter your choice:5
Exiting....
```