

# **KATHMANDU UNIVERSITY**

Department of Computer Science and Engineering Dulikhel, Kavre



## **LAB WORK 3**

**[Code No: COMP 116]**

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# OUTPUT OF BST IMPLEMENTATION USING LINKED LIST

```
adding 8,4,12,2,6,19 into the tree:  
All nodes added to the tree
```

```
The inorder traversal of the tree is:  
2  4  6  8  12  19
```

```
Search function  
13 not found.  
6 found
```

```
Delete function  
deleting 4 from the tree:  
The inorder traversal of the tree is:  
2  6  8  12  19
```

```
deleting 8 from the tree:  
The inorder traversal of the tree is:  
2  6  12  19
```

```
deleting 6 from the tree:  
The inorder traversal of the tree is:  
2  12  19
```

```
bdeleting 12 from the tree:  
The inorder traversal of the tree is:  
2  19
```

```
deleting 22 from the tree:  
The number doesn't exist in the tree.  
The inorder traversal of the tree is:  
2  19
```

[GitHub repository](#)