

Kathmandu University  
Department of Computer Science and Engineering  
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COMP 202

Lab Report 2

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## ArrayBST and LinkedBST after merge

```
MINGW64/c/Users/nirad/OneDrive/Desktop/git lab3/CE_2019_Lab3_01_02/build
nirad@DESKTOP-QQ21A4P MINGW64 ~/OneDrive/Desktop/git lab3/CE_2019_Lab3_01_02/build (main)
$ g++ ../src/main.cpp ../src/ArrayBST.cpp ../src/LinkedBST.cpp -I../include
nirad@DESKTOP-QQ21A4P MINGW64 ~/OneDrive/Desktop/git lab3/CE_2019_Lab3_01_02/build (main)
$ ./a.exe
ArrayBST implementation:-
20 doesn't exist to be removed
Added:- Key: 20 with Value: 1
Added:- Key: 10 with Value: 2
Added:- Key: 30 with Value: 7
Added:- Key: 9 with Value: 6
Added:- Key: 40 with Value: 12
Added:- Key: 11 with Value: 88
Added:- Key: 12 with Value: 57
12 already exists in the tree!
Inorder Traversal: 9 10 11 12 20 30 40
Min Key: 9 and Max Key: 40
99: false
20: true
10: true
35: false
91: false
Removed: 9
Removed: 12
Removed: 20
Inorder Traversal: 10 11 30 40

LinkedBST implementation:-
true
false
The maximum key in the tree is 60
The minimum key in the tree is 25
Inorder traversal of the BST is:
25 30 40 45 50 55 60
true
Inorder traversal of the BST is:
25 30 45 50 55 60
nirad@DESKTOP-QQ21A4P MINGW64 ~/OneDrive/Desktop/git lab3/CE_2019_Lab3_01_02/build (main)
$ |
```

[https://github.com/Nirbhayadh/CE\\_2019\\_Lab3\\_01\\_02](https://github.com/Nirbhayadh/CE_2019_Lab3_01_02)