

Enter the input filename: HW4 Test Input2.txt

Name-ordered Tree inorder traversal:

CANTER, Nancy, 408-864-8315, CART
FAYEK, Moaty, 408-864-8896, BUSCS
LEE-WHEAT, Coleen, 408-864-8402, PE/ATHL
MUTHYALA-KANDULA, Anita, 408-864-8332, BHES
NORTE, Edmundo, 408-864-8443, IIS
RAY, Thomas, 408-864-8546, ENGL
ROSENBERG, Jerry, 408-864-8669, PSME

Dept-ordered Tree inorder traversal:

BHES, MUTHYALA-KANDULA, Anita, 408-864-8332
BUSCS, FAYEK, Moaty, 408-864-8896
CART, CANTER, Nancy, 408-864-8315
ENGL, RAY, Thomas, 408-864-8546
IIS, NORTE, Edmundo, 408-864-8443
PE/ATHL, LEE-WHEAT, Coleen, 408-864-8402
PSME, ROSENBERG, Jerry, 408-864-8669

Testing Name-ordered Tree

Enter a last name that should be in the tree: Rosenberg

Enter a first name that should be in the tree: Jerry

Enter department: psme

Found : ROSENBERG, Jerry, 408-864-8669, PSME

Enter a last name that should NOT be in the tree: Bunny

Enter a first name that should NOT be in the tree: Bugs

Enter department: WB

Bunny, Bugs, , WB not found

Testing Dept-ordered Tree

Enter a last name that should be in the tree: Fayek

Enter a first name that should be in the tree: Moaty

Enter department: BUSCS

Found : FAYEK, Moaty, 408-864-8896, BUSCS

Enter a last name that should NOT be in the tree: Last

Enter a first name that should NOT be in the tree: First

Enter department: DEPT

Last, First, , DEPT not found

Calling testDelete method for name-ordered tree

Deletion successful of CANTER, Nancy, 408-864-8315, CART

Deletion successful of ROSENBERG, Jerry, 408-864-8669, PSME

Calling testDelete method for dept-ordered tree

Deletion successful of MUTHYALA-KANDULA, Anita, 408-864-8332, BHES

Deletion successful of ROSENBERG, Jerry, 408-864-8669, PSME

The local tree from copy constructor copying name-ordered tree

FAYEK, Moaty, 408-864-8896, BUSCS

LEE-WHEAT, Coleen, 408-864-8402, PE/ATHL
MUTHYALA-KANDULA, Anita, 408-864-8332, BHES
NORTE, Edmundo, 408-864-8443, IIS
RAY, Thomas, 408-864-8546, ENGL

local tree has been changed, now it has:
FAYEK, Moaty, 408-864-8896, NONE
LEE-WHEAT, Coleen, 408-864-8402, NONE
MUTHYALA-KANDULA, Anita, 408-864-8332, NONE
NORTE, Edmundo, 408-864-8443, NONE
RAY, Thomas, 408-864-8546, NONE

Checking if Original name-ordered Tree was not changed:
FAYEK, Moaty, 408-864-8896, BUSCS
LEE-WHEAT, Coleen, 408-864-8402, PE/ATHL
MUTHYALA-KANDULA, Anita, 408-864-8332, BHES
NORTE, Edmundo, 408-864-8443, IIS
RAY, Thomas, 408-864-8546, ENGL

The local tree from copy constructor copying dept-ordered tree
BUSCS, FAYEK, Moaty, 408-864-8896
CART, CANTER, Nancy, 408-864-8315
ENGL, RAY, Thomas, 408-864-8546
IIS, NORTE, Edmundo, 408-864-8443
PE/ATHL, LEE-WHEAT, Coleen, 408-864-8402

local tree has been changed, now it has:
NONE, FAYEK, Moaty, 408-864-8896
NONE, CANTER, Nancy, 408-864-8315
NONE, RAY, Thomas, 408-864-8546
NONE, NORTE, Edmundo, 408-864-8443
NONE, LEE-WHEAT, Coleen, 408-864-8402

Checking if Original dept-ordered Tree was not changed:
BUSCS, FAYEK, Moaty, 408-864-8896
CART, CANTER, Nancy, 408-864-8315
ENGL, RAY, Thomas, 408-864-8546
IIS, NORTE, Edmundo, 408-864-8443
PE/ATHL, LEE-WHEAT, Coleen, 408-864-8402

name-ordered Tree, Postorder traversal:
LEE-WHEAT, Coleen, 408-864-8402, PE/ATHL
FAYEK, Moaty, 408-864-8896, BUSCS
MUTHYALA-KANDULA, Anita, 408-864-8332, BHES
RAY, Thomas, 408-864-8546, ENGL
NORTE, Edmundo, 408-864-8443, IIS