Enter the input filename: HW4 Test Input1.txt

Name-ordered Tree inorder traversal:
ABRICA, Ruben, 408-864-5762, SPAN
CADGE-MOORE, Catie, 408-864-5683, ICS
CHANG, Michael, 408-864-8878, ICS
HUNTER, Ebenezer, 408-864-8798, ICS
KARST, Laura, 408-864-8592, FREN
KHANNA, Anu, 408-864-5787, ICS
KLINE, Ben, 408-864-8561, ICS
LEE, Mae, 408-864-8973, ICS
LEWIS, Julie, 408-864-8798, ICS
LIU, Hua-Fu, 408-864-5324, MAND
LIZARDI-FOLLEY, Carmen, 408-864-8679, SPAN

Dept-ordered Tree inorder traversal:
FREN, KARST, Laura, 408-864-8592
ICS, CADGE-MOORE, Catie, 408-864-5683
ICS, CHANG, Michael, 408-864-8878
ICS, HUNTER, Ebenezer, 408-864-8798
ICS, KHANNA, Anu, 408-864-5787
ICS, KLINE, Ben, 408-864-8561
ICS, LEE, Mae, 408-864-8973
ICS, LEWIS, Julie, 408-864-8798
MAND, LIU, Hua-Fu, 408-864-5324
SPAN, ABRICA, Ruben, 408-864-5762
SPAN, LIZARDI-FOLLEY, Carmen, 408-864-8679

Testing Name-ordered Tree

Enter a last name that should be in the tree: Abrica
Enter a first name that should be in the tree: Ruben
Enter department: Span
Found : ABRICA, Ruben, 408-864-5762, SPAN

Enter a last name that should NOT be in the tree: Mouse
Enter a first name that should NOT be in the tree: Mickey
Enter department: Disney
Mouse, Mickey, , Disney not found

Testing Dept-ordered Tree

Enter a last name that should be in the tree: Karst
Enter a first name that should be in the tree: Laura
Enter department: Fren
Found : KARST, Laura, 408-864-8592, FREN

Enter a last name that should NOT be in the tree: Duck
Enter a first name that should NOT be in the tree: Donald
Enter department: Cartoon
Duck, Donald, , Cartoon not found

Calling testDelete method for name-ordered tree
Deletion successful of ABRICA, Ruben, 408-864-5762, SPAN
Deletion successful of LIZARDI-FOLLEY, Carmen, 408-864-8679, SPAN

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Calling testDelete method for dept-ordered tree
Deletion successful of KARST, Laura, 408-864-8592, FREN
Deletion successful of LIZARDI-FOLLEY, Carmen, 408-864-8679, SPAN


The local tree from copy constructor copying name-ordered tree
CADGE-MOORE, Catie, 408-864-5683, ICS
CHANG, Michael, 408-864-8878, ICS
HUNTER, Ebenezer, 408-864-8798, ICS
KARST, Laura, 408-864-8592, FREN
KHANNA, Anu, 408-864-5787, ICS
KLINE, Ben, 408-864-8561, ICS
LEE, Mae, 408-864-8973, ICS
LEWIS, Julie, 408-864-8798, ICS
LIU, Hua-Fu, 408-864-5324, MAND

local tree has been changed, now it has:
CADGE-MOORE, Catie, 408-864-5683, NONE
CHANG, Michael, 408-864-8878, NONE
HUNTER, Ebenezer, 408-864-8798, NONE
KARST, Laura, 408-864-8592, NONE
KHANNA, Anu, 408-864-5787, NONE
KLINE, Ben, 408-864-8561, NONE
LEE, Mae, 408-864-8973, NONE
LEWIS, Julie, 408-864-8798, NONE
LIU, Hua-Fu, 408-864-5324, NONE

Checking if Original name-ordered Tree was not changed:
CADGE-MOORE, Catie, 408-864-5683, ICS
CHANG, Michael, 408-864-8878, ICS
HUNTER, Ebenezer, 408-864-8798, ICS
KARST, Laura, 408-864-8592, FREN
KHANNA, Anu, 408-864-5787, ICS
KLINE, Ben, 408-864-8561, ICS
LEE, Mae, 408-864-8973, ICS
LEWIS, Julie, 408-864-8798, ICS
LIU, Hua-Fu, 408-864-5324, MAND

The local tree from copy constructor copying dept-ordered tree
ICS, CADGE-MOORE, Catie, 408-864-5683
ICS, CHANG, Michael, 408-864-8878
ICS, HUNTER, Ebenezer, 408-864-8798
ICS, KHANNA, Anu, 408-864-5787
ICS, KLINE, Ben, 408-864-8561
ICS, LEE, Mae, 408-864-8973
ICS, LEWIS, Julie, 408-864-8798
MAND, LIU, Hua-Fu, 408-864-5324
SPAN, ABRICA, Ruben, 408-864-5762

local tree has been changed, now it has:
NONE, CADGE-MOORE, Catie, 408-864-5683
NONE, CHANG, Michael, 408-864-8878
NONE, HUNTER, Ebenezer, 408-864-8798
NONE, KHANNA, Anu, 408-864-5787
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NONE, KLINE, Ben, 408-864-8561
NONE, LEE, Mae, 408-864-8973
NONE, LEWIS, Julie, 408-864-8798
NONE, LIU, Hua-Fu, 408-864-5324
NONE, ABRICA, Ruben, 408-864-5762

Checking if Original dept-ordered Tree was not changed:
ICS, CADGE-MOORE, Catie, 408-864-5683
ICS, CHANG, Michael, 408-864-8878
ICS, HUNTER, Ebenezer, 408-864-8798
ICS, KHANNA, Anu, 408-864-5787
ICS, KLINE, Ben, 408-864-8561
ICS, LEE, Mae, 408-864-8973
ICS, LEWIS, Julie, 408-864-8798
MAND, LIU, Hua-Fu, 408-864-5324
SPAN, ABRICA, Ruben, 408-864-5762

name-ordered Tree, Postorder traversal:
CADGE-MOORE, Catie, 408-864-5683, ICS
CHANG, Michael, 408-864-8878, ICS
KLINE, Ben, 408-864-8561, ICS
LEWIS, Julie, 408-864-8798, ICS
LEE, Mae, 408-864-8973, ICS
KHANNA, Anu, 408-864-5787, ICS
KARST, Laura, 408-864-8592, FREN
LIU, Hua-Fu, 408-864-5324, MAND
HUNTER, Ebenezer, 408-864-8798, ICS