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HW4 Example Run #2:

Pips Sorted Tree inOrder traversal:
Ace of Clubs
Ace of Clubs
Ace of Spades
4 of Clubs
4 of Diamonds
4 of Hearts
4 of Hearts
5 of Hearts
5 of Spades
6 of Clubs
6 of Diamonds
6 of Diamonds
6 of Hearts
7 of Diamonds
7 of Spades
7 of Spades
8 of Clubs
8 of Diamonds
8 of Diamonds
9 of Diamonds
9 of Spades
10 of Diamonds
King of Diamonds
King of Spades
King of Spades

Suit Sorted Tree inOrder traversal:
Clubs, Ace
Clubs, Ace
Clubs, 4
Clubs, 6
Clubs, 8
Diamonds, 4
Diamonds, 6
Diamonds, 6
Diamonds, 7
Diamonds, 8
Diamonds, 8
Diamonds, 9
Diamonds, 10
Diamonds, King
Hearts, 4
Hearts, 4
Hearts, 5
Hearts, 6
Spades, Ace
Spades, 5
Spades, 7
Spades, 7
Spades, 9
Spades, King
Spades, King


Enter a Card (1-13  0-4) that should be in the tree: 1 0
Found : Ace of Clubs
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Enter a Card (1-13  0-4) that should NOT be in the tree: 12 2
Queen of Hearts
 not found


Enter a Card (1-13  0-4) that should be in the tree: 1 3
Found : Ace of Spades


Enter a Card (1-13  0-4) that should NOT be in the tree: 13 0
King of Clubs
 not found
Removed successfully from pips-ordered tree Ace of Clubs

Removed successfully from pips-ordered tree King of Spades

Removed successfully from suit-ordered tree Ace of Clubs

Removed successfully from suit-ordered tree King of Spades



The local tree from copy constructor copying Pips-ordered tree
Ace of Clubs
Ace of Spades
4 of Clubs
4 of Diamonds
4 of Hearts
4 of Hearts
5 of Hearts
5 of Spades
6 of Clubs
6 of Diamonds
6 of Diamonds
6 of Hearts
7 of Diamonds
7 of Spades
7 of Spades
8 of Clubs
8 of Diamonds
8 of Diamonds
9 of Diamonds
9 of Spades
10 of Diamonds
King of Diamonds
King of Spades

Clearing old tree


Checking if Original Pips-ordered Tree was not changed:
Ace of Clubs
Ace of Spades
4 of Clubs
4 of Diamonds
4 of Hearts
4 of Hearts
5 of Hearts
5 of Spades
6 of Clubs
6 of Diamonds
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6 of Diamonds
6 of Hearts
7 of Diamonds
7 of Spades
7 of Spades
8 of Clubs
8 of Diamonds
8 of Diamonds
9 of Diamonds
9 of Spades
10 of Diamonds
King of Diamonds
King of Spades


The local tree from operator= copying Suit-ordered tree
Ace of Clubs
4 of Clubs
6 of Clubs
8 of Clubs
4 of Diamonds
6 of Diamonds
6 of Diamonds
7 of Diamonds
8 of Diamonds
8 of Diamonds
9 of Diamonds
10 of Diamonds
King of Diamonds
4 of Hearts
4 of Hearts
5 of Hearts
6 of Hearts
Ace of Spades
5 of Spades
7 of Spades
7 of Spades
9 of Spades
King of Spades


Clearing old tree


Checking if Original Suit-ordered Tree was not changed:
Ace of Clubs
4 of Clubs
6 of Clubs
8 of Clubs
4 of Diamonds
6 of Diamonds
6 of Diamonds
7 of Diamonds
8 of Diamonds
8 of Diamonds
9 of Diamonds
10 of Diamonds
King of Diamonds
4 of Hearts
4 of Hearts
5 of Hearts
6 of Hearts
Ace of Spades
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5 of Spades
7 of Spades
7 of Spades
9 of Spades
King of Spades

Clearing old tree


Clearing old tree
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