

Enter the input filename: HW4 Test Input1.txt
Invalid date in file: 4-31-2009

Year-ordered tree has:

1923-12-10
1933-11-10
1947-4-9
1949-11-15
1951-6-5
1960-2-1
1963-8-4
1972-2-25
1979-6-5

Month-ordered tree has:

2/1/1960
2/25/1972
4/9/1947
6/5/1951
6/5/1979
8/4/1963
11/10/1933
11/15/1949
12/10/1923

Year-ordered indented tree:

```
      3. 6/5/1979
    2. 2/25/1972
      3. 8/4/1963
        4. 2/1/1960
1. 6/5/1951
      4. 11/15/1949
        3. 4/9/1947
    2. 11/10/1933
      3. 12/10/1923
```

Month-ordered indented tree:

```
      3. 12/10/1923
        4. 11/15/1949
    2. 11/10/1933
      4. 8/4/1963
        3. 6/5/1979
1. 6/5/1951
      3. 4/9/1947
    2. 2/25/1972
      3. 2/1/1960
```

Student Testing Year-ordered tree:

getFirst() returns 12/10/1923

getLast() returns 6/5/1979

getEntry() passing a copy of the first returns: 12/10/1923

Created a copy of the last Date, with year+1: 6/5/1980

getEntry(); passing a copy of the last with year+1 returns: null

insert() passing the copy of the last with year+1 returns: true

Student Testing Month-ordered tree:

```
getFirst() returns 2/1/1960
getLast() returns 12/10/1923
getEntry() passing a copy of the first returns: 2/1/1960
Created a copy of the last Date, with year+1: 12/10/1924
getEntry(); passing a copy of the last with year+1 returns: null
insert() passing the copy of the last with year+1 returns: true
```

Postorder traversal of updated Year-ordered tree:

```
1923-12-10
1949-11-15
1947-4-9
1933-11-10
1960-2-1
1963-8-4
1980-6-5
1979-6-5
1972-2-25
1951-6-5
```

Now the updated Month-ordered indented tree has

```
      4. 12/10/1924
    3. 12/10/1923
      4. 11/15/1949
  2. 11/10/1933
    4. 8/4/1963
    3. 6/5/1979
1. 6/5/1951
    3. 4/9/1947
    2. 2/25/1972
      3. 2/1/1960
```

Clearing tree:

```
Removed 12/10/1923
Removed 6/5/1980
Removed 11/10/1933
Removed 6/5/1979
Removed 4/9/1947
Removed 2/25/1972
Removed 11/15/1949
Removed 8/4/1963
Removed 6/5/1951
Removed 2/1/1960
```

Tree is cleared, now writeIndentedTree displays:

End writing tree

Now adding back last 2 retrieved:

Now the tree has:

```
    2. 1/2/2000
1. 12/31/1900
```

Clearing tree:

```
Removed 2/1/1960
```

Removed 12/10/1924
Removed 2/25/1972
Removed 12/10/1923
Removed 4/9/1947
Removed 11/15/1949
Removed 6/5/1951
Removed 11/10/1933
Removed 6/5/1979
Removed 8/4/1963

Tree is cleared, now writeIndentedTree displays:

End writing tree

Now adding back last 2 retrieved:

Now the tree has:

1. 12/31/1900
2. 1/2/2000