

```
❖ clang++-7 -pthread -std=c++17 -o main Followings.cpp main.cpp
❖ ./main
Testing adding to an empty list with Patrick returns true
List content, forward: Patrick
List content, backward: Patrick
Testing adding before the first node with Nick returns true
List content, forward: Nick Patrick
List content, backward: Patrick Nick
Testing adding after the last node with Vera returns true
List content, forward: Nick Patrick Vera
List content, backward: Vera Patrick Nick
Testing adding somewhere in the middle with Sam returns true
List content, forward: Nick Patrick Sam Vera
List content, backward: Vera Sam Patrick Nick
Testing adding someone already in the first node with Nick returns Error: Nick is
already in the following list.
false
List content, forward: Nick Patrick Sam Vera
List content, backward: Vera Sam Patrick Nick
Testing adding someone already in the middle of the list with Sam returns Error: S
am is already in the following list.
false
List content, forward: Nick Patrick Sam Vera
List content, backward: Vera Sam Patrick Nick
Testing adding someone already in the last node with Vera returns Error: Vera is a
lready in the following list.
false
List content, forward: Nick Patrick Sam Vera
List content, backward: Vera Sam Patrick Nick
Testing finding a key with no match with ear returns
No Match
Testing finding match in the first node and multiple matches with ick returns
Nick Patrick
Testing finding match at the last node with era returns
Vera
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Testing finding match in the middle of the list with Pat returns
Patrick
Testing removing a username smaller than the first node with Bubble Bass returns Error, name not in list
false
List content, forward: Nick   Patrick   Sam   Vera
List content, backward: Vera   Sam   Patrick   Nick
Testing removing a username not in the list with Plankton returns Error, name not in list
false
List content, forward: Nick   Patrick   Sam   Vera
List content, backward: Vera   Sam   Patrick   Nick
Testing removing a username larger than the last node with Zebra returns Error, name not in list
false
List content, forward: Nick   Patrick   Sam   Vera
List content, backward: Vera   Sam   Patrick   Nick
Testing removing the first node with Nick returns true
List content, forward: Patrick   Sam   Vera
List content, backward: Vera   Sam   Patrick
Testing removing somewhere in the middle with Sam returns true
List content, forward: Patrick   Vera
List content, backward: Vera   Patrick
Testing removing the last node with Vera returns true
List content, forward: Patrick
List content, backward: Patrick
Testing removing the only node with Patrick returns true
The list is currently empty.
Testing removing from an empty list with Spongebob returns Error, name not in list
false
The list is currently empty.

End of testing from the testcase file.
The list is currently empty.
===== Testing rule of 3 =====
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```
Creating list 1
Following Katara
Following Sokka
Following Aang
List content, forward: Aang   Katara   Sokka
List content, backward: Sokka   Katara   Aang

Creating list 2
Following Westbrook
Following Anthony
Following James
List content, forward: Anthony   James   Westbrook
List content, backward: Westbrook   James   Anthony

Copying list 2 into an empty list
copying ... Anthony James Westbrook done.
List content, forward: Anthony   James   Westbrook
List content, backward: Westbrook   James   Anthony

list2 before:
List content, forward: Anthony   James   Westbrook
List content, backward: Westbrook   James   Anthony
releasing ... Anthony ... James ... Westbrook ... done
copying ... Aang Katara Sokka done.
list2 after:
List content, forward: Aang   Katara   Sokka
List content, backward: Sokka   Katara   Aang

===== Testing rule of 3 end =====

destructor invoked:
List content, forward: Anthony   James   Westbrook
List content, backward: Westbrook   James   Anthony
releasing ... Anthony ... James ... Westbrook ... done
destructor invoked:
```



```
List content, forward: Aang  Katara  Sokka
List content, backward: Sokka  Katara  Aang
releasing ... Aang ... Katara ... Sokka ... done
destructor invoked:
List content, forward: Aang  Katara  Sokka
List content, backward: Sokka  Katara  Aang
releasing ... Aang ... Katara ... Sokka ... done
destructor invoked:
The list is currently empty.
✂
```