Practice: Doubly-linked List Errors

The project **DLL_Errors** contains several errors. Debug the program so that the output looks like the one shown below.

Expected Output:

```
INSERT...

PRINT LIST FORWARD:   1 2 3 4 5 6 7
Print list backwards: 7 6 5 4 3 2 1

Delete and search deleted item...

SEARCH 1... found
DELETE 1...
PRINT LIST FORWARD:   2 3 4 5 6 7
PRINT LIST BACKWARDS: 7 6 5 4 3 2
SEARCH 1... not found

SEARCH 4... found
DELETE 4...
PRINT LIST FORWARD:   2 3 5 6 7
PRINT LIST BACKWARDS: 7 6 5 3 2
SEARCH 4... not found

SEARCH 6... found
DELETE 6...
PRINT LIST FORWARD:   2 3 5 7
PRINT LIST BACKWARDS: 7 5 3 2
SEARCH 6... not found

SEARCH 7... found
DELETE 7...
PRINT LIST FORWARD:   2 3 5
PRINT LIST BACKWARDS: 5 3 2
SEARCH 7... not found

SEARCH 3... found
DELETE 3...
PRINT LIST FORWARD:   2 5
PRINT LIST BACKWARDS: 5 2
SEARCH 3... not found

SEARCH 2... found
DELETE 2...
PRINT LIST FORWARD:   5
PRINT LIST BACKWARDS: 5
SEARCH 2... not found

SEARCH 5... found
DELETE 5...
PRINT LIST FORWARD:   List is empty. Cannot print.
PRINT LIST BACKWARDS: List is empty. Cannot print.
SEARCH 5... not found

EMPTY LIST
PRINT LIST FORWARD:   List is empty. Cannot print.
PRINT LIST BACKWARDS: List is empty. Cannot print.

Press any key to continue . . .
```

You must complete this exercise on your own, but you can "**consult**" (this is NOT copying) other students while working.

Folder name: A250_E2_Yourlastname_Yourfirstname

DUE DATE: Today at the end of class.