```cpp
1  #include <iostream>
2  #include <string>
3  #include <sstream>
4  #include <vector>
5  #include "double-linked.h"
6
7
8
9  int main() {
10     std::string input;
11     std::vector<int> values;
12     int * n = new int;
13     std::getline(cin, input);
14     std::stringstream stream(input);
15
16     while (stream >> *n) {
17         values.push_back(*n);
18     }
19     delete n;
20
21     // Try constructor
22     List list;
23
24     // Try insertions
25     for (auto n : values)
26         list.insert(n);
27
28     // Try printing
29     list.print();
30
31     // Try reversing
32     list.reverse();
33     list.print();
34
35     //cout << "HERE" << endl;
36
37     list.~List();
38     list.print();
39
40     return 0;
41 }
```