#INCLUME STORUTEANN

#include "Linked\_List.h'

using namespace std;

int main()
{

Linked\_List seq;

for (int i = 0; i < 10; ++i)
 seq.push\_back(i);</pre>

cout << "---- sequence size ----" << endl; cout << seq.size() << endl;</pre>

cout << "---- sequence content ----" << endl; cout << seq << endl;</pre>

seq.push\_back(seq.remove\_at(seq.index\_of(seq.at(9))));
cout << "---- sequence content after 9p ----" << endl;
cout << seq << endl;</pre>

seq.insert\_at(9, seq.remove\_at(seq.index\_of(seq.at(9)))); cout << "---- sequence content after 9i ----" << endl; cout << seq << endl;</pre>

seq.insert\_at(8, seq.remove\_at(seq.index\_of(seq.at(8))));
cout << "---- sequence content after 8 ----" << endl;
cout << seq << endl;</pre>

seq.insert\_at(5, seq.remove\_at(seq.index\_of(seq.at(5))));
cout << "---- sequence content after 5 ----" << endl;
cout << seq << endl;</pre>

seq.insert\_at(0, seq.remove\_at(seq.index\_of(seq.at(0))));
cout << "---- sequence content after 0 ----" << endl;
cout << seq << endl;</pre>

seq.insert\_at(-1, seq.remove\_at(seq.index\_of(seq.at(-1))));
cout << "---- sequence content after -1 ----" << endl;
cout << seq << endl;</pre>

seq.insert\_at(12, seq.remove\_at(seq.index\_of(seq.at(12))));
cout << "---- sequence content after 12 ----" << endl;
cout << seq << endl;</pre>

cout << "---- sequence size after std ops ----" << endl; cout << seq.size() << endl;</pre>

cout << "---- sequence content after std ops ----" << endl; cout << seq << endl;</pre>

. ( bey ) i ed(seq); copy\_assigned = copy\_constructed; seq.clear(); cout << "---- sequence content after clear ----" << endl; cout << seq << endl;</pre> cout << "remove\_at(5) return " << seq.remove\_at(5) << endl; cout << "---- seq after remove\_at on empty -----" << endl; cout << seq << endl;</pre> cout << "index\_of(5) returns " << seq.index\_of(5) << endl; cout << "---- seq after index\_of on empty ----" << endl;</pre> cout << seq << endl;</pre> cout << "at(5) returns " << seq.at(5) << endl; cout << "---- seq after at on empty list ----" << endl;</pre> cout << seq << endl; seq.insert\_at(5, 5); ter insert\_at on empty ----" << endl; cout << cout << seq << endl;</pre> cout << "---seq size after ops on empty ----" << endl;</pre> cout << seq.size() << endl;</pre> cout << "---- copies content ----" << endl; cout << copy\_constructed << endl;</pre> cout << copy\_assigned << endl;</pre>

return 0;
}