```
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference, 2nd Edition"
 * by Nicolai M. Josuttis, Addison-Wesley, 2012
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 */
#include <algorithm>
#include <iterator>
#include <list>
#include <iostream>
using namespace std;
int main()
    list(int) coll;
    // insert elements from 6 to 1 and 1 to 6
    for (int i=1; i \le 6; ++i) {
        coll.push_front(i);
        coll. push back(i);
    // print all elements of the collection
cout << "pre: ";</pre>
    // source
                                                // destination
    cout << endl;
    // remove all elements with value 3
    remove (coll.begin(), coll.end(),
                                                // range
                                                // value
            3):
    //\ {\tt print\_all} elements of the collection
    cout << "post: ";</pre>
    // source
                                               // destination
    cout << endl;
}
```