```
/* 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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 * warranty, and with no claim as to its suitability for any purpose.
#include "algostuff.hpp"
using namespace std;
int main()
     deque(int) coll;
     list<int> subcoll;
     INSERT ELEMENTS (col1, 1, 7);
     INSERT ELEMENTS (col1, 1, 7);
    INSERT ELEMENTS (subcoll, 3, 6);
    PRINT ELEMENTS (coll, "coll:
    PRINT_ELEMENTS (subcoll, "subcoll: "):
    // search last occurrence of subcoll in coll
    deque<int>::iterator pos;
pos = find_end (coll.begin(), coll.end(),
                                                                  // range
                        subcoll.begin(), subcoll.end());
                                                                 // subrange
     // loop while subcoll found as subrange of coll
    deque<int>::iterator end(coll.end());
    while (pos != end) {
         // print position of first element
cout << "subcoll found starting with element"</pre>
                << distance(coll.begin(), pos) + 1</pre>
                << end1;
         // search next occurrence of subcoll
         end = pos;
         pos = find end (coll.begin(), end,
                             subcoll.begin(), subcoll.end()); // subrange
    }
}
```