```cpp
/* 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 "algostuff.hpp"
using namespace std;

int main()
{
    deque<int> coll;

    INSERT_ELEMENTS(coll,1,9);
    INSERT_ELEMENTS(coll,1,9);

    PRINT_ELEMENTS(coll,"on entry: ");

    // sort elements
    sort (coll.begin(), coll.end());

    PRINT_ELEMENTS(coll,"sorted:   ");

    // sorted reverse
    sort (coll.begin(), coll.end(),    // range
          greater<int>());             // sorting criterion

    PRINT_ELEMENTS(coll,"sorted >: ");
}
```