```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 <algorithm>
#include <deque>
#include <string>
#include <iostream>
using namespace std;

class Person {
  public:
    string firstname() const;
    string lastname() const;
    //...
};

int main()
{
    deque<Person> coll;
    //...

    // sort Persons according to lastname (and firstname):
    sort(coll.begin(),coll.end(),               // range
         [] (const Person& p1, const Person& p2) { // sort criterion
             return p1.lastname()<p2.lastname() ||
                    (p1.lastname()==p2.lastname() &&
                     p1.firstname()<p2.firstname());
         });
    //...
}
```