```
/* 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 <locale>
#include <chrono>
#include <ctime>
#include <iostream>
#include <exception>
#include <cstdlib>
using namespace std;
int main ()
    try {
        // query local time:
        auto now = chrono::system_clock::now();
        std::time t t = chrono::system clock::to time t(now);
        tm* nowTM = std::localtime(&t);
        // print local time with the global classic locale:
        locale locC:
        const time put<char>& tpC = use facet<time put<char>>(locC);
        // use single conversion specifier
        tpC. put (cout, cout, '', nowTM, 'x');
        cout << endl;
        // use format string:
        // print local time with German locale:
#ifdef MSC VER
        locale locG("deu deu. 1252");
#else
        locale locG("de DE");
#endif
        const time_put<char>& tpG = use_facet<time_put<char>>(locG);
        tpG. put (cout, cout, '', nowTM, 'x');
        cout << endl;
        catch (const std::exception& e) {
        cerr << "Exception: " << e. what() << endl;</pre>
        return EXIT_FAILURE;
}
```