```
/* 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 <chrono>
#include <iostream>
#include <iomanip>
template <typename C>
void printClockData ()
    using namespace std;
    cout << "- precision: ";</pre>
    // if time unit is less or equal one millisecond
    typedef typename C::period P; // type of time unit
    if (ratio_less_equal < P, milli > :: value) {
        // convert to and print as milliseconds
        typedef typename ratio multiply \(\frac{P}{kilo}\)::type TT;
        else {
        // print as seconds
        cout << fixed << double(P::num)/P::den << " seconds" << endl;</pre>
    cout << "- is steady: " << boolalpha << C::is steady << endl;</pre>
}
```