

```

/* The following code example is taken from the book
 * "The C++ Standard Library – A Tutorial and Reference"
 * by Nicolai M. Josuttis, Addison-Wesley, 1999
 *
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 * warranty, and with no claim as to its suitability for any purpose.
 */
#include <iostream>
#include <sstream>

template <class charT, class traits>
inline
std::basic_ostream<charT, traits>&
operator << (std::basic_ostream<charT, traits>& strm,
            const Fraction& f)
{
    /* string stream
     * – with same format
     * – without special field width
     */
    std::basic_ostringstream<charT, traits> s;
    s.copyfmt(strm);
    s.width(0);

    // fill string stream
    s << f.numerator() << '/' << f.denominator();

    // print string stream
    strm << s.str();

    return strm;
}

```