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/* 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.
 */
// header files for file I/O
#include <iostream>
#include <fstream>

void printFileTwice (const char* filename)
{
    // open file
    std::ifstream file(filename);

    // print contents the first time
    std::cout << file.rdbuf();

    // seek to the beginning
    file.seekg(0);

    // print contents the second time
    std::cout << file.rdbuf();
}

int main (int argc, char* argv[])
{
    // print all files passed as a command-line argument twice
    for (int i=1; i<argc; ++i) {
        printFileTwice(argv[i]);
    }
}

```