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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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 */
// header files for file I/O
#include <fstream>
#include <iostream>
using namespace std;

// for all filenames passed as command-line arguments
// - open, print contents, and close file
int main (int argc, char* argv[])
{
    ifstream file;

    // for all command-line arguments
    for (int i=1; i<argc; ++i) {

        // open file
        file.open(argv[i]);

        // write file contents to cout
        char c;
        while (file.get(c)) {
            cout.put(c);
        }

        // clear eofbit and failbit set due to end-of-file
        file.clear();

        // close file
        file.close();
    }
}

```