

#include <iostream>

#include <fstream>

#include <string>

#include <cstring> // для strerror

int main(int argc, char\* argv[]) {

if (argc != 4) {

std::cerr << "Error: Wrong number of arguments.\n";

std::cerr << "Usage: " << argv[0] << " <input\_file> <output\_file> <character>\n";

return 1;

}

const std::string inputFileName = argv[1];

const std::string outputFileName = argv[2];

const char symbolToRemove = argv[3][0];

std::ifstream inputFile(inputFileName);

if (!inputFile) {

std::cerr << "Error: Cannot open input file '" << inputFileName

<< "': " << strerror(errno) << "\n";

return 1;

}

std::ofstream outputFile(outputFileName);

if (!outputFile) {

std::cerr << "Error: Cannot create output file '" << outputFileName

<< "': " << strerror(errno) << "\n";

return 1;

}

int operationsCount = 0;

std::string line;

while (std::getline(inputFile, line)) {

for (char c : line) {

if (c == symbolToRemove) {

++operationsCount;

continue;

}

outputFile << c;

}

outputFile << '\n';

}

inputFile.close();

outputFile.close();

std::cout << "Characters removed: " << operationsCount << "\n";

return operationsCount > 0 ? 0 : 1;

}



