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/*--- hw23.cpp ---*/
#include <iostream>
#include <fstream>
#include <string>
#include <cstdlib>
using namespace std;
//Dwight Kinney
//243354
char** readLetter(ifstream& fin) {
    // Read A
    char** L = new char*[4];
    for(int i = 0; i < 4; i++)
        L[i] = new char[7];
    for(int i = 0; i < 4; i++)
    {
        for(int j = 0; j < 7; j++)
            L[i][j] = fin.get();
        while(fin.get() != '\n');
    }
    return L;
}

void deleteLetter(char** L) {
    for (int i = 0; i < 4; i++)
        delete [] L[i];
    delete [] L;
}

void printLetter(char** L, bool newline=true) {
    for(int i = 0; i < 4; i++) {
        for(int j = 0; j < 7; j++)
            cout << L[i][j];
        cout << endl;
    }
    if(newline) {
        cout << endl;
    }
}

int main()
{
    ifstream fin("letters.txt");
    char** L0 = readLetter(fin);
    char** L1 = readLetter(fin);
    char** L2 = readLetter(fin);
    char** L3 = readLetter(fin);

    // Print N
    printLetter(L1);
    printLetter(L0);
    printLetter(L2);
    printLetter(L3, false);

    deleteLetter(L0);
    deleteLetter(L1);
    deleteLetter(L2);
    deleteLetter(L3);

    return 0;
}
```