

Project 02 - C++ Simple I/O

Brandon Cheng

Section: 323.25

Due: 02/1/2023

IV. main (...)

Step 0: inFile2 open from argv[1] outFile2 open from argv[2]

Step 1: processString (inFile2, outFile2) // see below

Step 2: close all files.

```
#include <iostream>
#include <fstream>
using namespace std;
```

```
class cppIOclass {
public:
    string data;
    int total = 0;
    int count = 0;

    void processString(string inFile2, string outFile2){

        ifstream inFile (inFile2);
        ofstream outFile (outFile2);

        outFile << "in processString" << endl;
        total = 0;
        count = 0;

        while(inFile >> data){
            outFile << data << " ";
            total++;
            count++;
            if(count >= 5){
                outFile << "\nend of text line" << endl;
                count = 0;
            }
        }

        outFile << "\nThe total string count is " << total << ". ";
        outFile.close();
        inFile.close();
    }

};

int main(int argc, char** argv) {
    cppIOclass editor;
    editor.processString(argv[1],argv[2]);
    return 0;
}
```

OUTPUT

in processString

On the eighty fifth day

end of text line

of his unlucky streak, Santiago

end of text line

takes his skiff into the

end of text line

Gulf Stream, sets his lines

end of text line

and by noon, has his

end of text line

bait taken by a big

end of text line

fish that he is sure

end of text line

is a marlin. Unable to

end of text line

haul in the great marlin,

end of text line

Santiago is instead pulled by

end of text line

the marlin, and two days

end of text line

and nights pass with Santiago

end of text line

holding onto the line. Though

end of text line

wounded by the struggle and

end of text line

in pain, Santiago expresses a

end of text line

compassionate appreciation for his adversary,

end of text line

often referring to him as

end of text line

a brother. He also determines

end of text line

that, because of the fish's

end of text line

great dignity, no one shall

end of text line

deserve to eat the marlin.

end of text line

On the third day, the
end of text line
fish begins to circle the
end of text line
skiff.
The total string count is 116.