#include <iostream>

using namespace std;

char\* getDesktopPath(const char\* filename) {

char\* text = new char[250]{ "../../../../Desktop/" };

strcat\_s(text, strlen(text) + strlen(filename) + 100, filename);

return text;

}

void createFileOnDesktop(const char\* filename) {

FILE\* file;

fopen\_s(&file, getDesktopPath(filename), "w");

fclose(file);

}

int getDataCount() {

FILE\* file;

int counter = 0;

fopen\_s(&file, "persons.txt", "r");

char\* text = new char[10]{};

while (fread\_s(text, 10, sizeof(char), 10, file) != 0)

{

++counter;

}

fclose(file);

return counter;

}

char\*\* fulldata;

int readFromFile1() {

FILE\* file;

int counter = 0;

fopen\_s(&file, "persons.txt", "r");

char\* text = new char[50]{};

int index = 0;

while (fread\_s(text, 9, sizeof(char), 9, file) != 0)

{

++counter;

strcpy\_s(fulldata[index], strlen(text)+2, text);

fulldata[index][strlen(text)] = '\0';

++index;

}

fclose(file);

return counter;

}

int readFromFile2() {

FILE\* file;

int counter = 0;

fopen\_s(&file, "info.txt", "r");

char\* text = new char[200]{};

int index = 0;

while (fread\_s(text, 200, sizeof(char), 200, file) != 0)

{

cout << fulldata[index] << endl;

strcat\_s(fulldata[index],strlen(fulldata[index])+ strlen(text)+1, text);

cout << text << endl;

cout << fulldata[index] << endl;

//strcpy\_s(fulldata[index], strlen(text) + 1, text);

++index;

}

fclose(file);

return counter;

}

void show() {

int count = getDataCount();

for (size\_t i = 0; i < count; i++)

{

cout << fulldata[i] << endl;

}

}

void main() {

//cout << getDesktopPath("ilkin.txt") << endl;

//createFileOnDesktop("ilkin.txt");

//C:\Users\e.camalzade\Desktop\New folder

int count = getDataCount();

fulldata = new char\* [count] {};

for (size\_t i = 0; i < getDataCount(); i++)

{

fulldata[i] = new char[150]{};

}

readFromFile1();

//readFromFile2();

show();

}