

Uppercase File Converter (Ch 4)

Write a program that asks the user for the names of two files. The first file should be opened for reading and the second file should be opened for writing. The program should read the contents of the first file, change all characters to uppercase, and store the results in the second file. The second file will be a copy of the first file, except that all the characters will be uppercase. Use Notepad or another text editor to create a simple file that can be used to test the program.

FileArray Class (Ch 11)

Design a class that has a static method named `writeArray`. The method should take two arguments: the name of a file and a reference to an `int` array. The file should be opened as a binary file, the contents of the array should be written to the file, and then the file should be closed.

Write a second method in the class named `readArray`. The method should take two arguments: the name of a file and a reference to an `int` array. The file should be opened, data should be read from the file and stored in the array, and then the file should be closed. Demonstrate both methods in a program.