CPP Problem Design

Subject: CopyCat

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Main testing concept: File I/O

Basics	Functions
☐ C++ BASICS	☐ SEPARATE COMPILATION AND NAMESPACES
☐ FLOW OF CONTROL	■ STREAMS AND FILE I/O
☐ FUNCTION BASICS	☐ RECURSION
☐ PARAMETERS AND OVERLOADING	☐ INHERITANCE
☐ ARRAYS	☐ POLYMORPHISM AND VIRTUAL FUNCTIONS
☐ STRUCTURES AND CLASSES	☐ TEMPLATES
☐ CONSTRUCTORS AND OTHER TOOLS	☐ LINKED DATA STRUCTURES
☐ OPERATOR OVERLOADING, FRIENDS, AND REFERENCES	☐ EXCEPTION HANDLING
☐ STRINGS	☐ STANDARD TEMPLATE LIBRARY
☐ POINTERS AND DYNAMIC ARRAYS	☐ PATTERNS AND UML

Description:

Please write a file copy program with usage as follow:

    myCopyFileExe SourceFile.xxx DestinationFile.xxx

Note that your program can copy both binary and text files.

Input:

myCopyFileExe myPicture.png myPictureCopy.png

Output:

myPictureCopy.png

Sample Input / Output：

Sample Input	Sample Output
無	

■ Eazy, Only basic programming syntax and structure are required.
☐ Medium, Multiple programming grammars and structures are required.
☐ Hard, Need to use multiple program structures or complex data types.

Expected solving time:
10 minutes

Other notes: