

Introduction to Computer Networks

Assignment 1: File Copy Program

1. Goal

- Copy files with different names

2. Development environments

- You can use C or Python (version 3.x) language on Linux or Windows
- You have to describe your development environments in detail in the report.

3. Functionalities to implement

- Put some files (text files, image files, and video files) in the directory which your program is located.
- Get input two strings; one for the existing file name and the other for the new copy version file name.
- Copy the existing file to the same directory with the new name.
- Write the sentence of "file copy is done" in a file of "log.txt".

4. Sample Results

```
Input the file name: GoodMovie.avi
Input the new name: GreateMovie.avi

// GoodMovie.avi 파일은 프로그램 파일과 같은 디렉토리에 미리 넣어둔다.
// GreateMovie.avi 파일이 같은 디렉토리에 생성됨.
// log.txt 파일도 같은 디렉토리에 생성됨.
```

5. Submission

- The deadline is 9.16 (Sun) 23:59.
 - For delayed submissions, a penalty of -15 points applies every 24 hours. After 72 hours, you get zero points.
 - In the case of plagiarism, you will receive 0 points for the first time and **F** for the second.
- Submit a zip file including a **report** and a **source code** for your program to iCampus
 - Name the zip file as flows StudentID_Name.zip (ex: 2017001_홍길동.zip)
 - The reports includes;
 - 1) Describe your development environments in detail:
(versions of operating systems, programming languages, compilers/interpreter versions, compile options...)
 - 2) Explain how to test your program by showing the screen capture.

6. Scoring criteria

- Total 100 points
 - 30 points: the program can get two strings.
* Each file name will NOT include white spaces.
 - 30 points: copy the existing file with the new name.
(the new file should be created in the same directory)
 - 30 points: the new file should be valid. (e.g. possible to play the video file)
 - 10 points: Report file should include proper information as mentioned above.