

Assignment Name - File transfer application

Problem Statement -

As a solution to this problem statement, you have to create a nodejs application which transfers the files from one directory(folder) to another. The application flow should work like this -

- 1) On running the application, it should ask for the name of the source directory.
- 2) Once user puts the name of the directory (in string format), the application should read the directory and display all the files in that directory in a serial number order(1,2,3 etc). The terminal should ask user to enter the serial number of the file to be copied.
- 3) Once user selects the file number, terminal should ask the user to enter the name of the destination directory.
- 4) Once the user enters the destination directory, the file should be streamed to that directory to copy it. Do not copy the file directory. You must use streaming to copy the file from source to destination directory.

You may use standard [nodejs input](#) to take input from the user.

Here are some important points -

1. Please handle the error cases correctly - example of error cases can be source directory not found, destination directory not found, source directory empty etc.
2. The program must not terminate unexpectedly. Handle the usual Javascript errors and exceptions for the same.

Evaluation Basis

This project will be evaluated on following basis -

- 1) **JS code** - Your JS code should follow the best practices taught to you in the level and should use modern javascript as much as possible.
- 2) **NodeJS code** - Your NodeJS code should follow the best practices taught to you in the level. You should also follow the application structure given in the videos.
- 3) **Originality of code** - Your code will be checked for plagiarism and if it's not original, it will be discarded with a negative skill score.

Deliverables from Candidate

- 1) A Text File containing the link of Github repository containing all your code along with additional resources(if any)

Warning - Do not submit incomplete or wrong assignments. They will result in negative skill score. Also, you will not get a second attempt at the assignment! So whatever score you get will be the final score