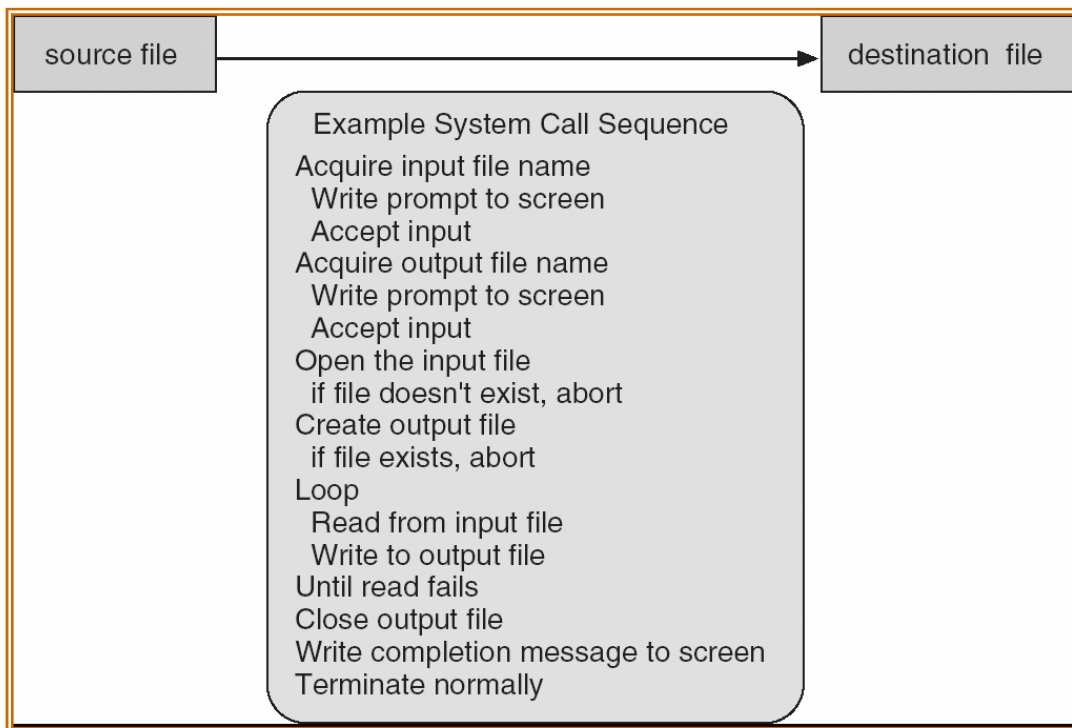**CS4023 – Lab Exercise, Week 11**

File Manipulation

Task. With using only the system calls **open()**, **close()**, **read()** and **write()**, write a C program which makes a copy of a file (similar to the **cp** shell command). Assume that both the input file name and the output file name are given at the command line.

Your code should follow the scheme in the figure below:

Hints:

1. Use http://www.opengroup.org/onlinepubs/009695399/toc.htm as a reference for the usage of **open()**, **close()**, **read()** and **write()**.

2. Make use of the **argc** and **argv** arguments of the main function to read the file names from the command line.

IMPORTANT: Include the source code you have written as part of your end-of-semester project.