Programming Assignment #1 Documentation

**Program Function**:These programs are designed to be used together via a 'pipe'. The first program, filecnt, will count the number of directories, sub-directories, files, and the total number of bytes of those files; it will print out three lines consisting the values previously mentioned. The second program reads filecnt’s standard output as standard input. With three options -d, -f, -b, the program will determine which line of information to print out.

**How to use this program**:

**1)** type command as follows ./filecnt *name\_of\_directory* | ./filedisp *option*

*- name\_of\_directory*: The path name of the directory

- *option*:

-d: displays the input line that has the word 'directories'.

-f: displays the input line that has the word 'files'.

-b: displays the input line that has the word 'bytes'.

**2)** Results are printed accordingly