test_getattr():

(this differed from test_read() because this was trying to get the sizes of the strings we were trying to write into the file for the answer)

Helper methods used:

    parse(char** path)

- parses through the file path for what files/directories the user is querying

    getFunction()

- returned the function that the user was trying to do (add/div/etc…) by indexing a static dictionary defined in the start of the file

    doMath()

- Used to do basic operations such as add, sub, mult, div, and exp
- We did this by converting the 2 parameters to doubles first

    doMoreMath()

- does the fibonacci and factor functions
- returns a char * which is actually the thing we were trying to write into the file for the answer

    isNumber()

- checks if a char * is a number or not

    isDouble()

- checks if a char * is a double or not

test_read():

(this differed from test_read() because this was trying to find the actual strings we were trying to write into the file for the answer)

Helper methods used:

    parse(char** path)
    getFunction()
    doMath()
    doMoreMath()

isNumber()
isDouble()

test_readdir():

When reading a directory, readdir is used mainly for all the math functions and docs thanks to filler, which displays the name of the subdirectories when called.

Helper methods used:

filler()
parse()
getFunction()

test_open():

Used before read to determine if a file was legal to open

Helper methods used:

parse(char** path)
getFunction()