

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_getattr() 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()
```

