CS/INFO 2300 - Section 3: File Input and Output:

Useful Functions:
$myFile = fopen("example.txt","r");
- opens a file and stores that information in a variable
- The seconds argument is the mode (in this case it is "r" for reading)

die("Unable to open file");
- if php cannot open that file for some reason, it will print out what you place in the die statement to avoid exception (like a try catch). The script will also terminate.

fgets($myFile)
- Read a single line from a file

fwrite($myFile, 'a') or **fwrite($myFile, 'a \n')**
- Writes to a file
- The placement of 'a' inside the document depends on the mode specified when opening the file
- The difference between the two above examples is that the "\n" needs to be used explicitly to create a line break

feof($myFile)
- Checks whether or not you have reached the end of the file

Modes:
r+ - Opens the file for read/write, the file pointer starts at the beginning
w+ - Opens a file for read/write. Erases content of specified file, or creates new one if it does not exist
a+ - Opens a file for read/write, the file pointer starts at the end of the file. Creates a new file if the file doesn't exist

Reading a Whole Document:
Loop through the document reading line by line, all the while making sure to check that you have not reached the end of the file

```
while (!feof($myFile)){
        echo fgets($myFile) . "<br>"
}
fclose ($myFile);
```