

CS 112 Lab 11

File I/O

Tentative: Project Demo/Hints

File opening

The open() function takes two parameters: filename and mode
mode can be either "r", "w" "a", "x"

```
file = open(filename, 'r')
```

File reading

The read() function takes a single parameter size
size indicates the number of bytes to read in the file
If no argument provided it reads the whole file
Returns a string

```
file = open(filename, 'r')  
contents = file.read()
```

File reading

The `readlines()` function returns a list of all lines in the file

```
f = open(filename, 'r')  
text = f.readlines()
```

File closing

The `close()` function call closes the file that has been opened

Good idea to do this after you are done reading your file

Lab 11

Two functions to complete

7 test cases – each one worth 1 point

Try not to overthink the solution as it is easier than you may think

Read the instructions carefully