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Lesson 12a: open

We use the open function to open a file.

```
file_handler=open( "hello.txt" )
```

or

```
file_name=input( "Enter name of file: ")  
file_handler=open(file_name)
```

Lesson 12b: for

We use the for statement to read through the lines of the file.

```
file_name=input("Enter name of file: ")
file_handler=open(file_name)
for line in file_handler:
    print(line)
```

Homework for Lesson 12

Do the following using Python 3

- 1) I have a text file on the website (<https://get-the-solution.com/youtube/>) open it, make sure you understand how it is laid out. Then write a python program that will print out student's name, number of tests they took and their average grade.
- 2) I want you to create a text file with the following info each on its own line:
 - a. Last Name
 - b. First Name
 - c. M/F
 - d. Child's name
 - e. Child's name
 - f. Etc (until all children are listed)
 - g. KYThen continue with next parent.

Then print out the following:

Markis Gardner, Male, 12 kids, Kentucky

Or

Markis Gardner, Male, 1 kid, Kentucky

(ie do the correct grammar for kid/kids) and change the state abbreviation to full state name. Do at least 5 states, don't worry about doing all 50 states.