

# Case study: Word Play

**Chapter 9**

# File Open

```
>>> fin = open('words.txt' )           # open a file
```

- Takes filename as a parameter
- Filename can be absolute path or relative path
  - On Linux:
    - `open('/home/xyz/workspace/alice.txt')`
  - On Windows:
    - `open('C:\\Users\\xyz\\workspace\\alice.txt')`
- If just filename is added python will look for file in the current directory where the program is being executed

# File Read

```
>>> fin.readline()           # read one line
'aa\r\n'

>>> fin.readline()           # read one(more) line
'aah\r\n'

>>> line = fin.readline()
>>> word = line.strip()       # get rid of extra stuff
>>> word
'aahed'
```

# Reading a File

```
fin = open(' words.txt' )  
for line in fin:  
    word = line.strip()  
    print(word)
```