

Lect 6 – Text Analysis 1

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INLS 490-172

List of words

- Word list from the Moby Lexicon Project
- http://en.wikipedia.org/wiki/Moby_Project
- <http://www.greenteapress.com/thinkpython/code/words.txt>

Print words with >20 chars

```
fin = open('words.txt')
for line in fin:
    word = line.strip()
    if len(word) > 20:
        print word
```

Print words with no 'e'

```
def has_no_e(word):  
    for letter in word:  
        if letter == 'e':  
            return False  
    return True
```

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

Word with no chars from a list

```
def has_no(word, forbidden):  
    for letter in word:  
        if letter in forbidden:  
            return False  
    return True
```

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