In [1]:
```
import string
import re
```

In [2]:
```
def clean(l1):
    for i in enumerate(l1):
        l1[i[0]] = i[1].lower()
        for char in l1[i[0]]:
            if not char.isalnum():
                l1[i[0]] = l1[i[0]].replace(char,"")
    l1 = list(set(l1))
    return l1
```

Part 1

In [3]:
```
with open('pg34524.txt') as file:
    file = file.read()

# Ends in 'ise'
ise = re.findall('\w*ise', file)
ise = clean(ise)

# Contains 'z'
z = re.findall('\w*z\w*', file)
z = clean(z)

# Contains 'pt'
pt = re.findall('\w*pt\w*', file)
pt = clean(pt)

#First letter captial, rest lowercase
flc = re.findall('^|\s[A-Z][a-z0-9_-]+', file)
flc = clean(flc)
print("\'ise\' words:",len(ise))
print("\'z\' words:",len(z))
print("\'pt\' words:",len(pt))
print("First Letter Capitalized words:",len(flc))
```

```
'ise' words: 9
'z' words: 21
'pt' words: 21
First Letter Capitalized words: 226
```

Part 2

In [4]:
```
with open ('rollo1.txt') as file:
    text = file.read()

# Search for possesives
own = re.findall("(\w*)'s\s(\w*)", text)
with open("a8facts.n3",'w') as output:
    output.write("@prefix :  http://s2.smu.edu/~abreslauer\n")
    for i in own:
        output.write(":{:10s} :has :{:s} .\n".format(i[0],i[1]))
```

a8facts.n3

```
@prefix :  http://s2.smu.edu/~abreslauer
:Rollo      :has :Party .
:Gogo       :has :house .
:Rollo      :has :friends .
:Zola       :has :snacks .
:party      :has :atmosphere .
:Sting      :has :records .

```

In [ ]: