Get file name from user

Loop through each line

Count how many times a word appears in the list

In [5]:

```
try:
    inp = input("Enter the name of your file")
    fhand = open(inp)
    dicti = dict()
    for each in fhand:
        words = each.split()
        for word in words:
            if word in dicti:
                dicti[word] = dicti[word] + 1

            else:
                    dicti[word] = 1
    print(dicti)
except:
    print("File not found!")
```

```
Enter the name of your filembox-short.txt
{'From': 27, 'stephen.marquard@uct.ac.za': 8, 'Sat': 2, 'Jan': 352, '5':
10, '09:14:16': 4, '2008': 324, 'Return-Path:': 27, '<postmaster@collab.s
akaiproject.org>': 27, 'Received:': 243, 'from': 218, 'murder': 54, '(mai
l.umich.edu': 27, '[141.211.14.90])': 3, 'by': 245, 'frankenstein.mail.um
ich.edu': 27, '(Cyrus': 54, 'v2.3.8)': 27, 'with': 194, 'LMTPA;': 54, 'Sa
t,': 9, '05': 3, '-0500': 219, 'X-Sieve:': 27, 'CMU': 27, 'Sieve': 27,
'2.3': 27, '([unix': 27, 'socket])': 27, 'mail.umich.edu': 27, 'v2.2.1
2)': 27, 'holes.mr.itd.umich.edu': 8, '(holes.mr.itd.umich.edu': 4, '[14
1.211.14.79])': 4, 'flawless.mail.umich.edu': 3, '()': 27, 'ESMTP': 108,
'id': 136, 'm05EEFR1013674;': 1, '09:14:15': 1, 'FROM': 27, 'paploo.uhi.a
c.uk': 108, '(app1.prod.collab.uhi.ac.uk': 27, '[194.35.219.184])': 27,
'BY': 27, 'ID': 54, '477F90B0.2DB2F.12494': 1, ';': 27, '09:14:10': 1,
'(localhost': 54, '[127.0.0.1])': 54, '(Postfix)': 54, '5F919BC2F2;': 1,
'14:10:05': 1, '+0000': 81, '(GMT)': 81, 'Message-ID:': 27, '<20080105141
2.m05ECIaH010327@nakamura.uits.iupui.edu>': 1, 'Mime-Version:': 27, '1.
0': 27, 'Content-Transfer-Encoding:': 27, '7bit': 27, 'prod.collab.uhi.a
c.uk': 27, '([194.35.219.182])': 27, '(JAMES': 27, 'SMTP': 54, 'Server':
27, '2.1.3)': 27, '899': 1, 'for': 118, '<source@collab.sakaiproject.org
```

In [ ]: