Problem:

 Write a program to read through the **mbox-short.txt** and figure out who has sent the greatest number of mail messages. The program looks for 'From ' lines and takes the second word of those lines as the person who sent the mail. The program creates a Python dictionary that maps the sender's mail address to a count of the number of times they appear in the file. After the dictionary is produced, the program reads through the dictionary using a maximum loop to find the most prolific committer.

Programming:

name = input("Enter file:")

fh=open(name)

counts=dict()

lst=list()

for line in fh:

if line.startswith('From') and not line.startswith('From:'):

words=line.split()

email=words[1]

lst.append(email)

for word in lst:

counts[word]=counts.get(word,0)+1

bigcount=None

bigword=None

for key,value in counts.items():

if bigcount is None or value>bigcount:

bigword=key

bigcount=value

print(bigword,bigcount)

OUTPUT:

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