9.4 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.

Check Code   Reset Code   ⓘ   Grade updated on server.

```python
name = input("Enter file:")
if len(name) < 1 : name = "mbox-short.txt"
handle = open(name)

di = {}
for line in handle:
    line = line.strip()
    if line.startswith("From "):
        splitted = line.split(" ")
        mail = splitted[1]
        if not mail in di:
            di[mail] = 1
        else:
            di[mail] += 1

max_num = 0
max_mail = 0
for key, value in di.items():
    if max_num < value:
        max_num = value
        max_mail = key
print(max_mail, max_num)
```