open.michigan

UNIVERSITY OF MICHIGAN

This is an exercise that you can use to simulate the exam. After you have completed Assignment 4, print this sheet of paper out – and give yourself 2 hours to write this program – look at anything and everything for help – but don't look at your Assignment 4 solution.

In this program you will search through the file and look for lines that begin with "From". You will parse the From line and print out the second word for each From line and then you will also count the number of From lines and print out a count at the end.

This is a sample good output with a few lines removed:

```
python fromcount.py
Enter a file name: mbox-short.txt
stephen.marquard@uct.ac.za
louis@media.berkeley.edu
zqian@umich.edu
rjlowe@iupui.edu
  [ … snip … ]
louis@media.berkeley.edu
ray@media.berkeley.edu
cwen@iupui.edu
cwen@iupui.edu
cwen@iupui.edu
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```

Your program should also recover from the bad file name and print the following:

```
python fromcount.py
Enter a file name: fred
File not found: fred
```