Letter Frequency

If you have ever played a word game like Scrabble, you probably know from experience that some letters of the alphabet are used more often than others. We can actually write a computer program to test this hypothesis on real text.

You will write a program that reads every character from every line of a text file, and keeps track of how many times each letter appears. Your analysis should not be case sensitive. In other words, both the 'A' and the 'a' count as one letter A. Characters that are not letters should be ignored by your program.

When your program starts, you should ask the user for the name of the input file. When finished, your program should print the letter frequency, one letter per line. Here is an example I/O session. I actually used my source code as the input file. Your results may differ!

```
What is the name of the input file?  LetterFreq.java

a 59
b 8
c 49
d 14
e 118
f 32
g 6
h 29
i 76
j 6
k 4
l 39
m 17
n 85
o 48
p 25
q 2
r 51
s 50
t 91
u 28
v 7
w 10
x 8
y 9
z 1
```