**Project: Multiclipboard**

Say you have the boring task of filling out many forms in a web page or software

with several text fields. The clipboard saves you from typing the same

text over and over again. But only one thing can be on the clipboard at a

time. If you have several different pieces of text that you need to copy and

paste, you have to keep highlighting and copying the same few things over

and over again.

You can write a Python program to keep track of multiple pieces of text.

This “multiclipboard” will be named mcb.pyw (since “mcb” is shorter to type

than “multiclipboard”). The .pyw extension means that Python won’t show

a Terminal window when it runs this program. (See Appendix B for more

details.)

The program will save each piece of clipboard text under a keyword.

For example, when you run py mcb.pyw save spam, the current contents of the

clipboard will be saved with the keyword spam. This text can later be loaded

to the clipboard again by running py mcb.pyw spam. And if the user forgets

what keywords they have, they can run py mcb.pyw list to copy a list of all

keywords to the clipboard.

Here’s what the program does:

• The command line argument for the keyword is checked.

• If the argument is save, then the clipboard contents are saved to the

keyword.

• If the argument is list, then all the keywords are copied to the clipboard.

• Otherwise, the text for the keyword is copied to the keyboard.

This means the code will need to do the following:

• Read the command line arguments from sys.argv.

• Read and write to the clipboard.

• Save and load to a shelf file.