Note Tit	25150 - Warking with Files
	Announcements
	-HWS is Jue Thursday
	-HWS is Jue Thursday -Next HW up tomorrow, + Jue Wed. after break
	atter break

nle 1/b In Python, we can work with For a script (in same directory as a file called myfile txt), need to create a local variable to interact with the file. Ex: varname = file ('myfile.txt') Python won't ever use actual file name except for here-the rest is only through the variable.

« x = file ('directions. txt')
gives read-only acess to that file

of no such file, raises JOError

o optional second parameter of you want

outputale = file ('output txt', 'w')

output-file = file ('output.txt', 'a')

Available Functions - close() - closes the file + saves it -flush () - save - read () reads entire file - read (SIZE) SIZE in bytes - readline () - reads up to vext /n no los - write (s) - write a string s realizable - writes (seg) - list or type u - writes (seg) - writes all strings in seg we is a unix tool that allow you to count the number of words in a file. (Think same utility in word) output: # lines # words # chars

We'll code our own version of word court to demonstrate input from a file. few options: thow should we read the file? read() readline() How to break it into lines? How to count chars and words? Practice: 8.6 in textbook Create a file people txt which has
the following format: person bothyear

St. Edward the Confessor 1003 Edgar the Peace able 942 Ethelred the Unready 968 Write a program that reads this file and preparts the name of the oldest person. For example, on above, program should print: Edgar the Peaceable