Section 14: Files

Exercise Solutions:

1) Go to the course website and find this section on the Course Schedule. Download “file_ex.pde” and “animals.csv” to your computer and put both in a folder called file_ex.
   a) Open animals.csv in a text editor (e.g. VS Code) to see what a CSV file looks like to Processing.
   b) Open file_ex.pde in Processing and run it. It should print the word “film” to the console.
   c) Read through the code and its comments and try to figure out what Line 23 (the print() call) is doing.
   d) Once you think you know how it works, go to animals.csv and modify only one entry so that running file_ex.pde will now output “file” to the console instead. Ideally, you would use an actual animal name! (https://en.wikipedia.org/wiki/List_of_animals_by_common_name)
   e) Below, write your changed entry: old_animal → new_animal

        numbat → any animal with an 'e' as the third letter: ape, bee, cheetah, deer, elephant, flea, hyena, etc.

2) [optional - tricky!] Now modify only Line 23 (the print() call) of file_ex.pde in order to get the program to print the word “best” to the console. Only two small changes are needed, but you’ll want to stare at animals.csv a while (without changing it!) to identify the pattern that gets you “best”. Write your new Line 23 below:

        print(tokens[0].charAt(i));