Section 13: 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));
   ```