

File I/O Exercises

1. Create a folder inside of ~/intro_class called fun_io
2. Create a file called [yourname]_fav_foods.txt
3. In the file, list your 3 favorite foods from most favorite to least favorite. List only one food per line.
4. Repeat steps 2 and 3 with your pair's favorite foods.
5. Save the file.
6. Create a python file inside ~/intro_class/fun_io called compare_favs.py
7. Inside of compare_favs.py do the following:
 - a. open the file of your favorite foods.
 - b. read all of your favorite foods into a list called [your_name]_favs
 - c. close the file
 - d. open the file of your pair's favorite foods.
 - e. read all of your pair's favorite foods into a list called [their_name]_favs
 - f. close the file
 - g. create a function called compare_favs that takes two arguments, the list of your favs and the list of your pair's.
 - i. This function should print "Our favorite foods are the same!" if your top favorite food is the same as your pairs.
 - ii. Otherwise, the function should print "Our favorite foods are different"
 - h. Call the compare_favs function with your favs and your pair's favs
8. Run compare_favs.py! Make sure it works!

Example:

```
rachels_favs = ["barbeque", "watermelon", "ice cream"]
pauls_favs = ["mint oreos", "pizza", "barbeque"]
compare_favs(rachels_favs, pauls_favs)
⇒ "Our favorite foods are different"
```

Part 2 (Extra challenge!)

Create a function called compare_favs2 that prints out "We both love [food]!" for each food that you and your pair both enjoy.

Example:

```
rachels_favs = ["barbeque", "watermelon", "ice cream"]
pauls_favs = ["mint oreos", "pizza", "barbeque"]
compare_favs2(rachels_favs, pauls_favs)
⇒ "We both love barbeque!"
```