

```
final.py
# =====
with open('250.imdb', 'r', encoding='utf-8') as f_input, \
    open('output.txt', 'w', encoding='utf-8') as f_output:

    f_output.write('# FORMAT:\n')
    f_output.write('# > CATEGORY\n')
    f_output.write('# Movie: Rating \t Name (Year)\n')

    # Main data structure
    categories = {}
    # Mapping: category => list of movies (already formatted)

    for line in f_input:

        if line.startswith('#'): # Not interested
            continue

        # Get some info about that line
        fields = line.split('|')

        genres = fields[-2].upper().split(',') # List of strings (uppercase)
        title = fields[-1].strip() # clean it
        year = fields[2].strip() # it too
        rating = fields[1].strip() # and it too, who knows...

        new_line = rating + '\t' + title + ' (' + year + ')'

        for genre in genres: # uppercase already

            # Get the list of movies for that genre
            movies = categories.get(genre)
            if movies is None:
                categories[genre] = [new_line] # one item
            else:
                movies.append(new_line)

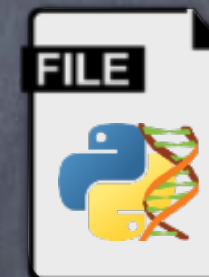
    # Done constructing the intermediate data structure
    # Can dump it into the output file now
    for cat, movies in categories.items():

        # Print category first, with '> '
        f_output.write('> ')
        f_output.write(cat)
        f_output.write('\n')

        # Print all movies for that category after
        for m in movies:
            f_output.write(m)
            f_output.write('\n')

U:— final.py Bot L51 (Python 2.7.11) 21:55 1.24
```

extra.py



def func1():

'''

'''

def func2(arg1, arg2):

'''

from extra import func1

from extra import func1 as the_func

code.py

extra.py

```
code.py
from extra import print_something

sep = '*' * 20

print(sep)
print_something('Fine, thanks')

print(sep)
print_something()

print(sep)
print_something("Can't talk. Doing Python")
```

```
-- code.py All L18 (Python +3 MMM) 02:02 1.51
End of buffer
```

```
extra.py
def print_something(arg = 'great'):
    print('Hello, how are you?')
    print( arg )

# Testing my code
print_something( 'Good, and you?' )
```

```
-- extra.py All L18 (Python +3 MMM) 01:53 1.38
```