

```
#!/usr/bin/env python3
# -*- coding: utf-8 -*-

# =====
# Reformat 250.imdb into other format
# =====

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')

    for line in f_input:

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

        # Reformat that line
        # and put it somewhere to remember it with its category
```

```
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    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() # who knows...
```