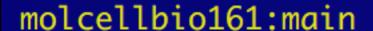
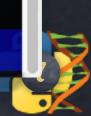
```
• • •
```

```
[~/tmp] (vt17) $ python step4.py
Traceback (most recent call last):
  File "step4.py", line 28, in <module>
    old_rating = categories[genre]
KeyError: 'drama'
[~/tmp] (vt17) $
```



bash *

18:55 Tue, Feb 7, 2017



step5.py

```
#!/usr/bin/env python3
# -*- coding: utf-8 -*-
# Find and print the best movie per category
with open('250.imdb', 'r', encoding='utf-8') as f:
   # For each category, I keep the best rating
    # Mapping { key: value } where key = string
                                   value = int
    categories = {} # Nothing at the start
    for line in f:
        if line.startswith('#'): # Not interested
            continue
       # Get the fields as a list of strings
       fields = line.split('|')
        # Rename the fields, cuz I prefer, and convert them
        rating = float(fields[1])
        genres = fields[-2].lower().split(',') # List of strings also
        for genre in genres:
            old_rating = categories.get(genre, 0.0) # No KeyError
            if rating > old_rating: # found a better one
                categories[genre] = rating
   # Print the categories
    for genre, rating in categories.items():
        print("The best movie for",genre,"has rating:",rating)
```

