



zs\_amber/第04周打卡

fork 源: 首经贸金融科技实验室 / 第04周打卡

同步源项目 >

```
(base) DELL@DESKTOP-8NOG904 MINGW64 ~/repo/week04 (main)
$ cat contacts.txt
白展堂 男 baizhantang@163.com
佟湘玉 女 tongxiangyu@163.com
吕轻侯 男 lvqinghou@126.com
郭芙蓉 女 guofurong@126.com
李秀莲 男 lixiulian@163.com
祝无双 女 zhuwushuang@163.com
```

```
main.py > ...
1 def process_contacts():
2     try:
3         with open("contacts.txt", "r", encoding="utf-8") as file:
4             contacts = file.readlines()
5
6         contact_list = []
7         for contact in contacts:
8             name, gender, email = contact.strip().split()
9             contact_list.append((name, gender, email))
10
11         def sort_key(item):
12             email = item[2]
13             domain, username = email.split("@")[:-1]
14             return (domain, username)
15
16         sorted_contacts = sorted(contact_list, key=sort_key)
17
18         with open("emails.txt", "w", encoding="utf-8") as output_file:
19             for name, gender, email in sorted_contacts:
20                 title = "先生" if gender == "男" else "女士"
21                 output_file.write(f"to: <{email}>\n")
22                 output_file.write(
23                     f"尊敬的{name}{title}, 您的会员资格即将到期, 请及时续费.\n"
24                 )
25                 output_file.write("---\n")
26
27     except FileNotFoundError:
28         print("错误: 未找到 contacts.txt 文件。")
29     except Exception as e:
30         print(f"发生未知错误: {e}")
31
```

```
if __name__ == "__main__":
    process_contacts()
```

```
environment.yml U  contacts.txt U  main.py U  emails.txt U X
emails.txt
1 to: <guofurong@126.com>
2 尊敬的郭芙蓉女士, 您的会员资格即将到期, 请及时续费。
3 ---
4 to: <lvqinghou@126.com>
5 尊敬的吕轻侯先生, 您的会员资格即将到期, 请及时续费。
6 ---
7 to: <baizhantang@163.com>
8 尊敬的白展堂先生, 您的会员资格即将到期, 请及时续费。
9 ---
10 to: <lixiulian@163.com>
11 尊敬的李秀莲先生, 您的会员资格即将到期, 请及时续费。
12 ---
13 to: <tongxiangyu@163.com>
14 尊敬的佟湘玉女士, 您的会员资格即将到期, 请及时续费。
15 ---
16 to: <zhuwushuang@163.com>
17 尊敬的祝无双女士, 您的会员资格即将到期, 请及时续费。
18 ---
```

```
DELL@DESKTOP-8NOG904 MINGW64 ~/repo/week04 (main)
$ rm emails.txt
(week04)
DELL@DESKTOP-8NOG904 MINGW64 ~/repo/week04 (main)
$ python -m pdb main.py
> c:\users\dell\repo\week04\main.py(1)<module>()
-> def process_contacts():
(Pdb) █
```

```
(Pdb) l
1 -> def process_contacts():
2     try:
3         with open("contacts.txt", "r", encoding="utf-8") as file:
4             contacts = file.readlines()
5
6         contact_list = []
7         for contact in contacts:
8             name, gender, email = contact.strip().split()
9             contact_list.append((name, gender, email))
10
11     def sort_key(item):
```

```
(Pdb) n
> c:\users\dell\repo\week04\main.py(33)<module>()
-> if __name__ == "__main__":
(Pdb) l
28         print("错误：未找到 contacts.txt 文件。")
29     except Exception as e:
30         print(f"发生未知错误：{e}")
31
32
33 -> if __name__ == "__main__":
34     process_contacts()
[EOF]
```

```
(Pdb) p process_contacts
<function process_contacts at 0x0000013EF153F920>
```

```
(Pdb) s
> c:\users\dell\repo\week04\main.py(34)<module>()
-> process_contacts()
```

```
(Pdb) l .
29     except Exception as e:
30         print(f"发生未知错误：{e}")
31
32
33     if __name__ == "__main__":
34 -> process_contacts()
[EOF]
```

```
try:
    with
```

```
1 def process_contacts():
2     try:
3         with open("contacts.txt", "r", encoding="utf-8") as file:
4             contacts = file.readlines()
5
6         contact_list = []
7         for contact in contacts:
8             name, gender, email = contact.strip().split()
9             contact_list.append((name, gender, email))
10
11     def sort_key(item):
12         email = item[2]
13         domain, username = email.split("@")[:-1]
14         (variable) sorted_contacts = list
15         sorted_contacts = sorted(contact_list, key=sort_key)
16
17     with open("emails.txt", "w", encoding="utf-8") as output_file:
18         for name, gender, email in sorted_contacts:
19             title = "先生" if gender == "男" else "女士"
20             output_file.write(f"{title} <(email)>\n")
21             output_file.write(
22                 f"尊敬的{name}(title)，您的会员资格即将到期，请及时续费。 \n"
23             )
24             output_file.write("...\n")
25
26 except FileNotFoundError:
27     print("错误：未找到 contacts.txt 文件。")
28 except Exception as e:
29     print(f"发生未知错误：{e}")
30
```

```
open("contacts.txt", "r", encoding="utf-8")
append
```

```
try:
    with
    c
    conta
    for c
    r
    c
    def
    g
    d
    r
    sorte
    with
    f
```

未缩进的为全局变量