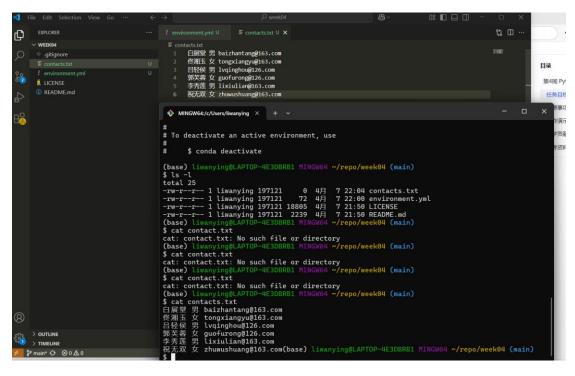
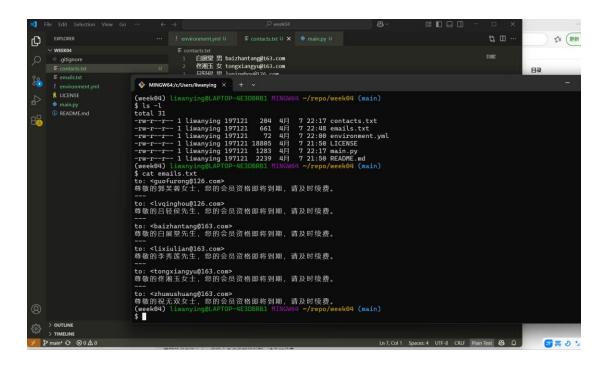
学习笔记





```
ដូ 🏻 …
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ₹
            main.py
               24 def generate_emails(contacts):
         ♦ MINGW64:/c/Users/liwanying × + ∨
                                                                                                 generated_emails = generate_emails(sorted_contacts)
write_emails(output_file, generated_emails)
print(f"邮件已成功生成到 {output_file}。")
       44
         45
 | Fine(f mp|fine(f mp|fine(f) to the fine for the fine f
    (Pdb) l .
          38
                                                                 if __name__ == "__main__":
   contacts_file = "contacts.txt"
   output_file = "emails.txt"
   contacts = read_contacts(contacts_file)
   sorted_contacts = sort_contacts(contacts)
   generated_emails = generate_emails(sorted_contacts)
   write_emails(output_file, generated_emails)
   print(f"邮件已成功生成到 {output_file}. ")
          39
          40
         42
          43
          45
         46
[EOF]
(Pdb) p contacts
[('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')]
(Pdb) pp contacts
[('白展堂', '男', 'baizhantang@163.com'), ('佟湘玉', '女', 'tongxiangyu@163.com'), ('容雅玉', '女', 'tongxiangyu@163.com'), ('郭芙蓉', '女', 'guofurong@126.com'), ('郭芙蓉', '女', 'guofurong@126.com'), ('孙无双', '女', 'guofurong@126.com'), ('孙无双', '女', 'zhuwushuang@163.com')]
(Pdb)
    [EOF]
```

```
MINGW64:/c/Users/liwanying ×
                                      for line in file:

parts = line.strip().split()

if len(parts) == 3 and "@" in parts[2]:

name, gender, email = parts # 按照 姓名 性别 邮箱 顺序解析

contacts.append((name, gender, email))
   6
7
8
    9
  10
                                              else:
                                                     print(f"跳过格式错误的行: {line.strip()}")
(Pdb) n
> c:\users\liwanying\repo\week04\main.py(3)read_contacts()
-> try:
(Pdb) n
> c:\users\liwanying\repo\week04\main.py(4)read_contacts()
-> with open(file_path, "r", encoding="utf-8") as file:
(Pdb) l
               def read_contacts(file_path):
    1
2
3
                       contacts = []
                       try:
                             :
with open(file_path, "r", encoding="utf-8") as file:
    for line in file:
        parts = line.strip().split()
        if len(parts) == 3 and "@" in parts[2]:
            name, gender, email = parts # 按照 姓名 性别 邮箱 顺序解析
            contacts.append((name, gender, email))
    5
6
7
    8
                                                     print(f"跳过格式错误的行: {line.strip()}")
(Pdb) p open

<built-in function open>

(Pdb) p file_path

'contacts.txt'
(Pdb)
```

```
MINGW64:/c/Users/liwanying ×
 --Return-
> <frozen codecs>(312)__init__()->None
c:\users\liwanying\repo\week04\main.py(5)read_contacts()
-> for line in file:
(Pdb) l
            def read_contacts(file_path):
    contacts = []
                   try:
                        :
with open(file_path, "r", encoding="utf-8") as file:
for line in file:
    parts = line.strip().split()
    if len(parts) == 3 and "@" in parts[2]:
        name, gender, email = parts # 按照 姓名 性别 邮箱 顺序解析
        contacts.append((name, gender, email))
   .
8
9
                                             print(f"跳过格式错误的行: {line.strip()}")
  11
(Pdb) n
> c:\users\liwanying\repo\week04\main.py(6)read_contacts()
-> parts = line.strip().split()
(Pdb) n
> c:\users\liwanying\repo\week04\main.py(7)read_contacts()
-> if len(parts) == 3 and "@" in parts[2]:
(Pdb) p line
'白展堂 男 baizhantang@163.com\n'
(Pdb) l .
                   contacts = []
                   try:
                         with open(file_path, "r", encoding="utf-8") as file:
    for line in file:
   Ц
```

```
class 'IndexError'>, 'KeyError': <class 'KeyError'>, 'ModuleNotFoundError': <class 'ModuleNotFoundError'>, 'NotImplement edError': <class 'IndexError'>, 'IndexDeferror': <class 'IndexError'>, 'IndexDeferror': <class 'UnicodeError': <class 'UnicodeError'>, 'UnicodeError': <class 'UnicodeError'>, 'UnicodeError'>,
```