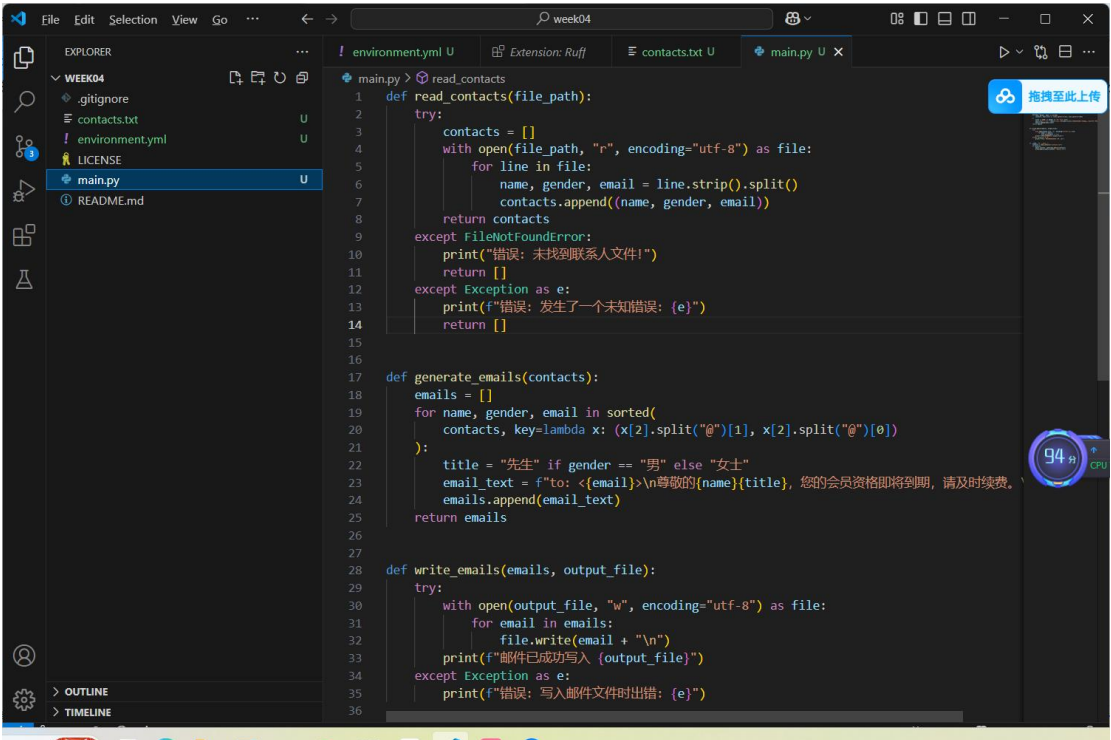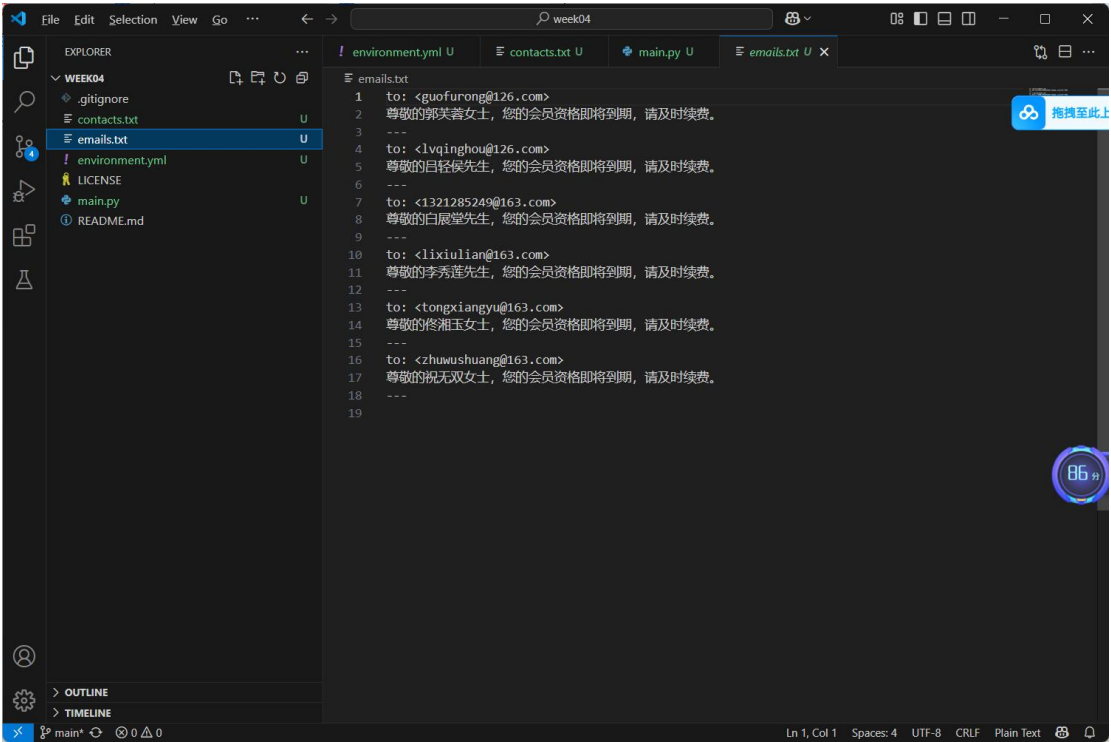询问大模型 复制代码并保存


```python
def read_contacts(file_path):
    try:
        contacts = []
        with open(file_path, "r", encoding="utf-8") as file:
            for line in file:
                name, gender, email = line.strip().split()
                contacts.append((name, gender, email))
        return contacts
    except FileNotFoundError:
        print("错误: 未找到联系人文件!")
        return []
    except Exception as e:
        print(f"错误: 发生了一个未知错误: {e}")
        return []


def generate_emails(contacts):
    emails = []
    for name, gender, email in sorted(
        contacts, key=lambda x: (x[2].split("@")[1], x[2].split("@")[0])
    ):
        title = "先生" if gender == "男" else "女士"
        email_text = f"to: <{email}>\n尊敬的{name}{title}，您的会员资格即将到期，请及时续费。"
        emails.append(email_text)
    return emails


def write_emails(emails, output_file):
    try:
        with open(output_file, "w", encoding="utf-8") as file:
            for email in emails:
                file.write(email + "\n")
        print(f"邮件已成功写入 {output_file}")
    except Exception as e:
        print(f"错误: 写入邮件文件时出错: {e}")
```
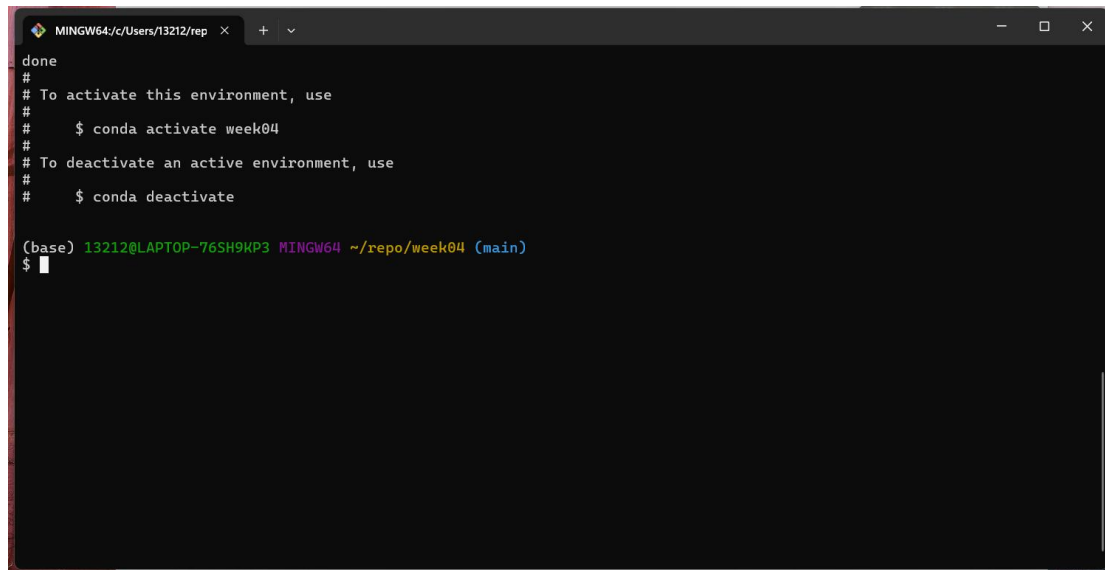
Python 成功输出 email.txt

启动 PDB 模式 并尝试理解


```
13212@LAPTOP-76SH9KP3 MINGW64 ~/repo/week04 (main)
$ python -m pdb main.py
> c:\users\13212\repo\week04\main.py(1)<module>()
-> def read_contacts(file_path):
(Pdb)
```

更新 python


```
done
#
# To activate this environment, use
#
#     $ conda activate week04
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) 13212@LAPTOP-76SH9KP3 MINGW64 ~/repo/week04 (main)
$
```

学习了保留字，语句，表达式，缩进，局部变量，全局变量，函数的定义与调用等等。