

```
C:\Users\Kiran>python --version
```

```
Python 3.10.11
```

```
C:\Users\Kiran>mkdir AgentPLC
```

```
C:\Users\Kiran>cd AgentPLC
```

```
C:\Users\Kiran\AgentPLC>git clone https://github.com/Luoji-zju/Agents4PLC_release.git
```

```
Cloning into 'Agents4PLC_release'...
```

```
remote: Enumerating objects: 3619, done.
```

```
remote: Counting objects: 100% (3619/3619), done.
```

```
remote: Compressing objects: 100% (1270/1270), done.
```

```
remote: Total 3619 (delta 2377), reused 3586 (delta 2344), pack-reused 0 (from 0)
```

```
Receiving objects: 100% (3619/3619), 1.68 MiB | 342.00 KiB/s, done.
```

```
Resolving deltas: 100% (2377/2377), done.
```

```
C:\Users\Kiran\AgentPLC>python -m venv plcenv
```

```
C:\Users\Kiran\AgentPLC>plcenv\Scripts\activate
```

```
(plcenv) C:\Users\Kiran\AgentPLC>pip install -r requirements.txt
```

```
ERROR: Could not open requirements file: [Errno 2] No such file or directory:  
'requirements.txt'
```

```
[notice] A new release of pip is available: 23.0.1 -> 25.1.1
```

```
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```
(plcenv) C:\Users\Kiran\AgentPLC>cd Agents4PLC_release
```

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install -r requirements.txt
```

```
ERROR: Could not find a version that satisfies the requirement lanchain (from versions:  
none)
```

```
ERROR: No matching distribution found for lanchain
```

```
[notice] A new release of pip is available: 23.0.1 -> 25.1.1
```

```
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>python --version
```

```
Python 3.10.11
```

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install langchain
```

```
Collecting langchain
```

```
[notice] A new release of pip is available: 23.0.1 -> 25.1.1
```

```
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install langchain_chroma
```

```
Collecting langchain_chroma
```

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install langchain_openai
```

```
Collecting langchain_openai
```

```
[notice] A new release of pip is available: 23.0.1 -> 25.1.1
```

[notice] To update, run: python.exe -m pip install --upgrade pip

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install chromadb
```

[notice] A new release of pip is available: 23.0.1 -> 25.1.1

[notice] To update, run: python.exe -m pip install --upgrade pip

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>pip install -r requirements.txt
```

Requirement already satisfied: openai in c:\users\kiran\agentplc\plcenv\lib\site-packages
(from -r requirements.txt (line 2)) (1.91.0)

Collecting pandas

Collecting faiss-cpu

Collecting streamlit

Collecting PyMuPDF

Collecting pytz>=2020.1

Using cached pytz-2025.2-py2.py3-none-any.whl (509 kB)

Collecting tzdata>=2022.7

Collecting altair<6,>=4.0

Collecting pydeck<1,>=0.8.0b4

Collecting tornado!=6.5.0,<7,>=6.0.3

Collecting pillow<12,>=7.1.0

Downloading pillow-11.2.1-cp310-cp310-win_amd64.whl (2.7 MB)

----- 2.7/2.7 MB 1.7 MB/s eta 0:00:00

Collecting pyarrow>=7.0

Downloading pyarrow-20.0.0-cp310-cp310-win_amd64.whl (25.8 MB)

----- 25.8/25.8 MB 1.2 MB/s eta 0:00:00

Collecting gitpython!=3.1.19,<4,>=3.0.7

Downloading GitPython-3.1.44-py3-none-any.whl (207 kB)

----- 207.6/207.6 kB 1.6 MB/s eta 0:00:00

Collecting toml<2,>=0.10.1

[notice] A new release of pip is available: 23.0.1 -> 25.1.1

[notice] To update, run: python.exe -m pip install --upgrade pip

```
(plcenv) C:\Users\Kiran\AgentPLC\Agents4PLC_release>
```

Rest in vs code

```
PS C:\Users\Kiran\AgentPLC> .\plcenv\Scripts\activate
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd ..
```

```
(plcenv) PS C:\Users\Kiran> cd .\AgentPLC\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd .\Agents4PLC_release\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd ..
```

```
(plcenv) PS C:\Users\Kiran> cd .\AgentPLC\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd .\Agents4PLC_release\
```

```
(plcenv) PS C:\Users\Kiran> cd .\AgentPLC\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd .\Agents4PLC_release\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC> cd .\Agents4PLC_release\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC\Agents4PLC_release> cd .\src\
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC\Agents4PLC_release\src> python .\run_agents.py
```

```
(plcenv) PS C:\Users\Kiran\AgentPLC\Agents4PLC_release\src> python .\run_agents.py
```

Agents ready. Choose who to ask:

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1 → OpenAI

2 → DeepSeek

1 → OpenAI
2 → DeepSeek
both → Ask both
exit → Quit
both → Ask both
exit → Quit

exit → Quit

Select agent (1 / 2 / both / exit): 1

Select agent (1 / 2 / both / exit): 1

You: what is the name of indian prime minister

Error: Error code: 429 - {'error': {'message': 'You exceeded your current quota, please check your plan and billing details. For more information on this error, read the docs:

[https://platform.openai.com/docs/guides/error-codes/api-errors.](https://platform.openai.com/docs/guides/error-codes/api-errors), 'type': 'insufficient_quota',

'param':

None, 'code': 'insufficient_quota'}}

Select agent (1 / 2 / both / exit): Traceback (most recent call last):

File "C:\Users\Kiran\AgentPLC\Agents4PLC_release\src\run_agents.py", line 28, in
<module>

choice = input("Select agent (1 / 2 / both / exit): ").strip().lower()

KeyboardInterrupt

(plcenv) PS C:\Users\Kiran\AgentPLC\Agents4PLC_release\src> python .\run_agents.py

Agents ready. Choose who to ask:

1 → OpenAI
2 → DeepSeek
both → Ask both
exit → Quit

python .\lift_plc_generator.py

```
sk-proj-o-aXZBBOGULwiw_XY_Ol2wJ3ITyXTUWzRtdHzTnwqA5cl1K7ocv_vylz8KKhuzT
JFeyXw9FfoAT3BlbkFJkfn98k-pRh9JRC5uoeZvHYvTib1C5KhMgThL2SkdgtLgtwcrrBRn
tIhvont9rGUuZ1vK2FB_kA
```