```python
mcp_langchain.py > ...
140    async def main():
144        success = await run_document_analysis()
145
146        return 0 if success else 1
```

Keep Undo ⬆ | 10 of 12 ↑ ↓

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   + ∨ ... | ⌗

▷ Python

```
ModuleNotFoundError: No module named 'mcp'
PS C:\Users\kupit\week3\w3d5> & "C:/Program Files/Python314/python.exe" c:/Users
/kupit/week3/w3d5/test_mcp_server.py
2026-02-21 17:05:16,490 - __main__ - INFO - Testing MCP Filesystem Server...
2026-02-21 17:05:16,491 - mcp_server - INFO - MCP Filesystem Server initialized
2026-02-21 17:05:16,491 - mcp_server - INFO - Allowed directory: C:\Users\kupit\
week3\w3d5
2026-02-21 17:05:16,491 - __main__ - INFO - √ Server initialized successfully
2026-02-21 17:05:16,492 - __main__ - INFO - √ Path validation working: financial
_risks.txt
2026-02-21 17:05:16,493 - __main__ - INFO - √ Security check passed - blocked ou
tside access
2026-02-21 17:05:16,494 - mcp_server - INFO - Listed directory: w3d5 (19 items)
2026-02-21 17:05:16,495 - __main__ - INFO - √ list_directory working: 1 result(s
)
2026-02-21 17:05:16,504 - mcp_server - INFO - Read file: financial_risks.txt (53
18 chars)
2026-02-21 17:05:16,505 - __main__ - INFO - √ read_file working: read financial_
risks.txt
2026-02-21 17:05:16,506 - mcp_server - INFO - Wrote file: mcp_test_output.txt (3
1 chars)
2026-02-21 17:05:16,506 - __main__ - INFO - √ write_file working: wrote test fil
e
2026-02-21 17:05:16,515 - __main__ - INFO - √ File write verification passed
2026-02-21 17:05:16,515 - __main__ - INFO - ====================================
=======================
2026-02-21 17:05:16,516 - __main__ - INFO - √ ALL MCP SERVER TESTS PASSED
2026-02-21 17:05:16,516 - __main__ - INFO - ====================================
=======================
```

```python
mcp_langchain.py > ...
140    async def main():
144        success = await run_document_analysis()    [Keep] [Undo]  10 of 12  ↑ ↓
145
146        return 0 if success else 1
```

>_ Python

```
==========================
PS C:\Users\kupit\week3\w3d5> & "C:/Program Files/Python314/python.exe" c:/Users
/kupit/week3/w3d5/quick_test_agent.py
C:\Users\kupit\AppData\Roaming\Python\Python314\site-packages\langchain_core\_ap
i\deprecation.py:25: UserWarning: Core Pydantic V1 functionality isn't compatibl
e with Python 3.14 or greater.
  from pydantic.v1.fields import FieldInfo as FieldInfoV1
2026-02-21 17:06:36,090 - mcp_agent - INFO - Initializing LLM: gpt-4o-mini
2026-02-21 17:06:36,766 - mcp_agent - INFO - ✓ LLM initialized
2026-02-21 17:06:36,766 - mcp_agent - INFO - Connecting to MCP server...
2026-02-21 17:06:36,766 - mcp_agent - INFO - ✓ MCP manager ready
2026-02-21 17:06:36,767 - mcp_client - INFO - Connecting to MCP server: C:\Progr
am Files\Python314\python.exe mcp_server.py
2026-02-21 17:06:37,486 - mcp_client - INFO - ✓ MCP client connected and initial
ized
2026-02-21 17:06:37,486 - mcp_client - INFO - Converting MCP tools to LangChain
format...
2026-02-21 17:06:37,488 - mcp_client - INFO - ✓ Converted 3 tools to LangChain f
ormat
2026-02-21 17:06:37,488 - mcp_client - INFO -   - read_file: Read the complete c
ontents of a text file. Returns file content as string.
2026-02-21 17:06:37,488 - mcp_client - INFO -   - list_directory: List all files
 and directories in a given directory path.
2026-02-21 17:06:37,489 - mcp_client - INFO -   - write_file: Write content to a
 file. Creates file if it doesn't exist, overwrites if it does.
2026-02-21 17:06:37,489 - mcp_agent - INFO - Creating ReAct agent with 3 tools..
.
2026-02-21 17:06:37,496 - mcp_agent - INFO - ✓ Agent created successfully
2026-02-21 17:06:37,496 - mcp_agent - INFO - Running agent with query: What is 2
+2?...
2026-02-21 17:06:38,293 - mcp_agent - INFO - ✓ Agent execution completed
```