

AI-Driven Development - 30-Day Challenge

Task 4 - Submission

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Class: Friday 6:00 PM - 9:00 PM

Instructor: Sir Hamzah Syed

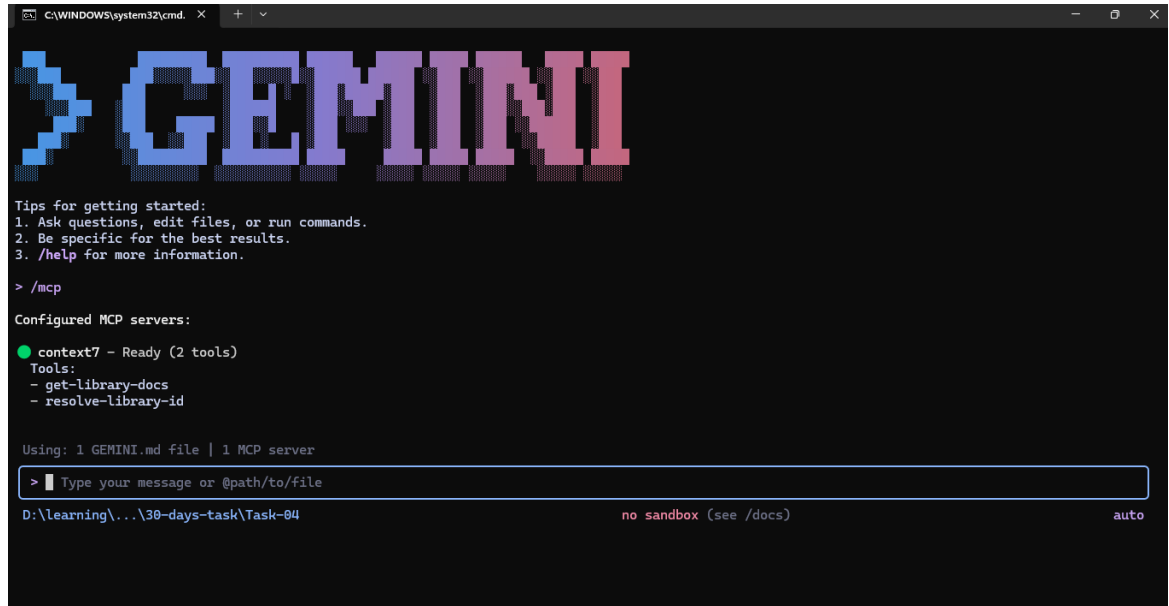
5. Task 4 — Connecting Context7 MCP

Server to Gemini CLI

1. Go --> <https://context7.com/>
2. Sign in context7
3. Add libraries-->
4. <https://platform.openai.com/docs/api-reference/introduction?lang=python>
5. Go Dashboard
6. Generate API Key
7. Go and Project created --> Quiz Generator Agent then
8. Created folder .gemini and in folder created file name settings.json
9. Go --> <https://context7.com/docs/installation#cursor>
10. Add this code in settings.json

```
{ "mcpServers": { "context7": { "url": "https://mcp.context7.com/mcp",  
    "headers": { "CONTEXT7_API_KEY": "YOUR_API_KEY" } } }
```
11. Run gemini then /mcp

12. Mcp add in project



The screenshot shows a terminal window with the title 'C:\WINDOWS\system32\cmd'. The main display features a large, stylized 'GEMINI' logo in a blue-to-purple gradient. Below the logo, there are instructions for getting started: '1. Ask questions, edit files, or run commands.', '2. Be specific for the best results.', and '3. /help for more information.' The user has entered the command '> /mcp'. The terminal then displays 'Configured MCP servers:' followed by a green dot and 'context7 - Ready (2 tools)'. Under 'Tools:', it lists '- get-library-docs' and '- resolve-library-id'. Below this, it says 'Using: 1 GEMINI.md file | 1 MCP server'. At the bottom, there is a text input field with the placeholder '> Type your message or @path/to/file'. The status bar at the very bottom shows 'D:\learning\...\30-days-task\Task-04', 'no sandbox (see /docs)', and 'auto'.

```
C:\WINDOWS\system32\cmd. X + v

> GEMINI

Tips for getting started:
1. Ask questions, edit files, or run commands.
2. Be specific for the best results.
3. /help for more information.

> /mcp

Configured MCP servers:

● context7 - Ready (2 tools)
Tools:
- get-library-docs
- resolve-library-id

Using: 1 GEMINI.md file | 1 MCP server

> Type your message or @path/to/file

D:\learning\...\30-days-task\Task-04 no sandbox (see /docs) auto
```

6. Practical Task — Build the Study Notes

Summarizer & Quiz Generator Agent

Project Documentation:

<https://github.com/nida1khurram/30-days-challenge/blob/main/Task-04%20Quiz%20Generator-Documentation/Summarizer%20%26%20Quiz%20Generator%20Agent%20with%20Streamlit.pdf>

Summarizer & Quiz Generator Agent Pdf Link

<https://github.com/nida1khurram/30-days-challenge/blob/main/Task-04/Summarizer%20%26%20Quiz%20Generator%20Agent%20with%20Streamlit.pdf>

GitHub Repository

<https://github.com/nida1khurram/30-days-challenge/tree/main/Task-04>