AI-Driven Development - 30-Day Challenge-Task 6
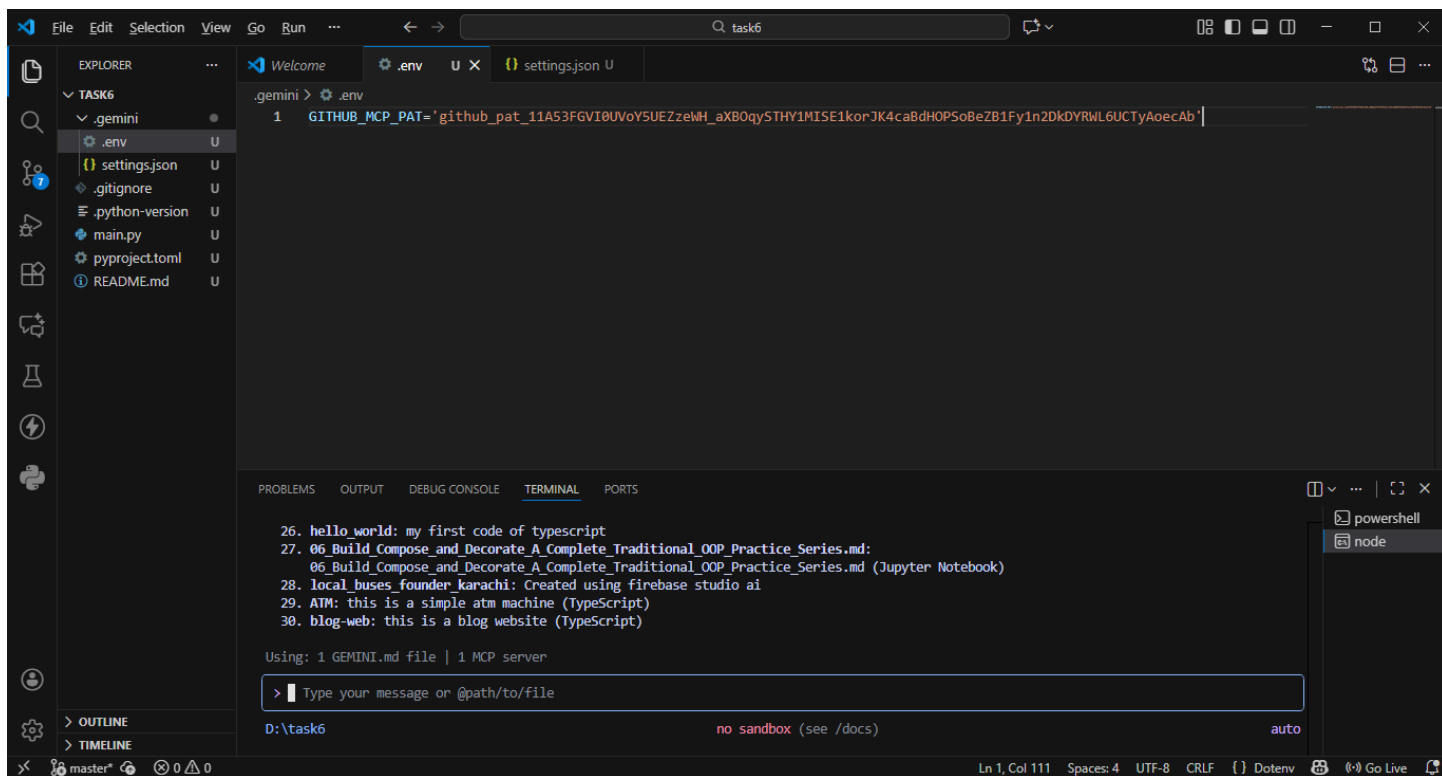
Task 6 - GitHub × MCP Integration (Hosted Method)

Submission Requirements
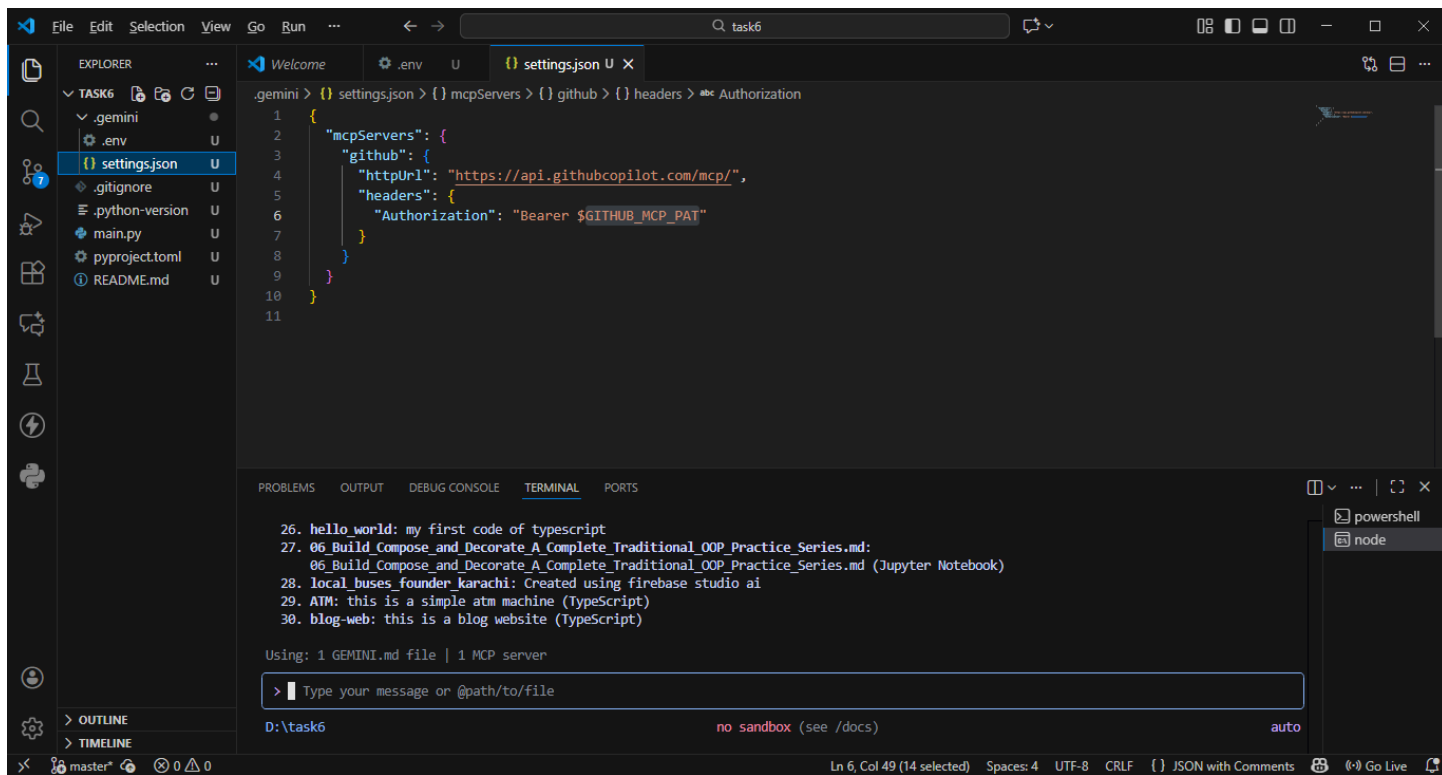
Students must submit:
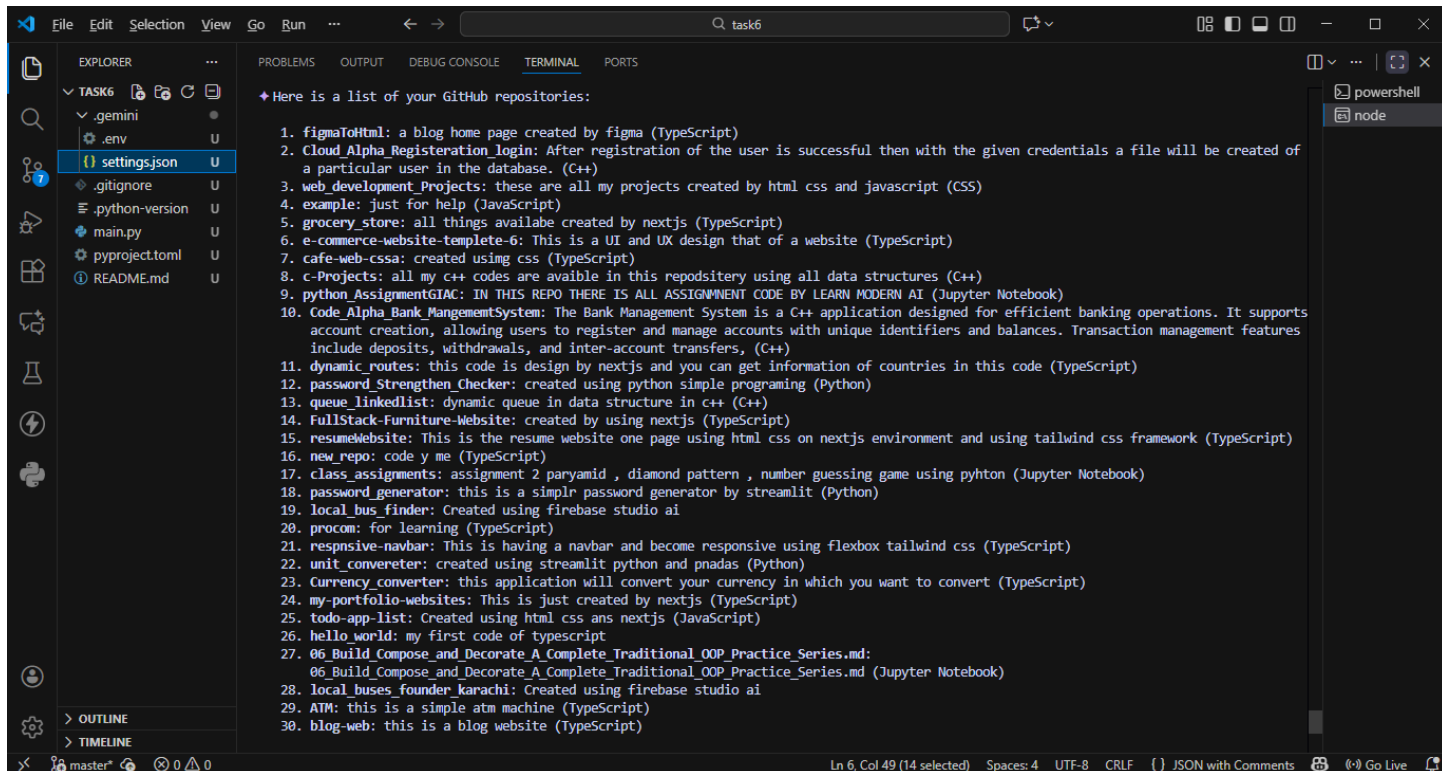
✔ Screenshot of:

.env file (token blurred)

settings.json

EXPLORER

Welcome · .env U · {} settings.json U ✕

.gemini > {} settings.json > {} mcpServers > {} github > {} headers > abc Authorization

```json
1  {
2    "mcpServers": {
3      "github": {
4        "httpUrl": "https://api.githubcopilot.com/mcp/",
5        "headers": {
6          "Authorization": "Bearer $GITHUB_MCP_PAT"
7        }
8      }
9    }
10  }
11
```

∨ TASK6
  ∨ .gemini
    ⚙ .env   U
    {} settings.json   U
    ◆ .gitignore   U
    ≡ .python-version   U
    🐍 main.py   U
    ⚙ pyproject.toml   U
    ⓘ README.md   U

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
26. hello_world: my first code of typescript
27. 06_Build_Compose_and_Decorate_A_Complete_Traditional_OOP_Practice_Series.md:
    06_Build_Compose_and_Decorate_A_Complete_Traditional_OOP_Practice_Series.md (Jupyter Notebook)
28. local_buses_founder_karachi: Created using firebase studio ai
29. ATM: this is a simple atm machine (TypeScript)
30. blog-web: this is a blog website (TypeScript)

Using: 1 GEMINI.md file | 1 MCP server
```

> ▏ Type your message or @path/to/file

D:\task6   no sandbox (see /docs)   auto

> OUTLINE
> TIMELINE

master* ⊗ 0 △ 0   Ln 6, Col 49 (14 selected) Spaces: 4 UTF-8 CRLF {} JSON with Comments Go Live

powershell
node

/mcp list result

EXPLORER

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
✦ Here is a list of your GitHub repositories:

  1. figmaToHtml: a blog home page created by figma (TypeScript)
  2. Cloud_Alpha_Registeration_login: After registration of the user is successful then with the given credentials a file will be created of
     a particular user in the database. (C++)
  3. web_development_Projects: these are all my projects created by html css and javascript (CSS)
  4. example: just for help (JavaScript)
  5. grocery_store: all things availabe created by nextjs (TypeScript)
  6. e-commerce-website-templete-6: This is a UI and UX design that of a website (TypeScript)
  7. cafe-web-cssa: created usimg css (TypeScript)
  8. c-Projects: all my c++ codes are avaible in this repodsitery using all data structures (C++)
  9. python_AssignmentGIAC: IN THIS REPO THERE IS ALL ASSIGNMNENT CODE BY LEARN MODERN AI (Jupyter Notebook)
 10. Code_Alpha_Bank_MangememtSystem: The Bank Management System is a C++ application designed for efficient banking operations. It supports
     account creation, allowing users to register and manage accounts with unique identifiers and balances. Transaction management features
     include deposits, withdrawals, and inter-account transfers, (C++)
 11. dynamic_routes: this code is design by nextjs and you can get information of countries in this code (TypeScript)
 12. password_Strengthen_Checker: created using python simple programing (Python)
 13. queue_linkedlist: dynamic queue in data structure in c++ (C++)
 14. FullStack-Furniture-Website: created by using nextjs (TypeScript)
 15. resumeWebsite: This is the resume website one page using html css on nextjs environment and using tailwind css framework (TypeScript)
 16. new_repo: code y me (TypeScript)
 17. class_assignments: assignment 2 paryamid , diamond pattern , number guessing game using pyhton (Jupyter Notebook)
 18. password_generator: this is a simplr password generator by streamlit (Python)
 19. local_bus_finder: Created using firebase studio ai
 20. procom: for learning (TypeScript)
 21. respnsive-navbar: This is having a navbar and become responsive using flexbox tailwind css (TypeScript)
 22. unit_convereter: created using streamlit python and pnadas (Python)
 23. Currency_converter: this application will convert your currency in which you want to convert (TypeScript)
 24. my-portfolio-websites: This is just created by nextjs (TypeScript)
 25. todo-app-list: Created using html css ans nextjs (JavaScript)
 26. hello_world: my first code of typescript
 27. 06_Build_Compose_and_Decorate_A_Complete_Traditional_OOP_Practice_Series.md:
     06_Build_Compose_and_Decorate_A_Complete_Traditional_OOP_Practice_Series.md (Jupyter Notebook)
 28. local_buses_founder_karachi: Created using firebase studio ai
 29. ATM: this is a simple atm machine (TypeScript)
 30. blog-web: this is a blog website (TypeScript)
```

∨ TASK6
  ∨ .gemini
    ⚙ .env   U
    {} settings.json   U
    ◆ .gitignore   U
    ≡ .python-version   U
    🐍 main.py   U
    ⚙ pyproject.toml   U
    ⓘ README.md   U

> OUTLINE
> TIMELINE

master* ⊗ 0 △ 0   Ln 6, Col 49 (14 selected) Spaces: 4 UTF-8 CRLF {} JSON with Comments Go Live

powershell
node

GitHub repo list output

EXPLORER

∨ TASK6

∨ .gemini
  ⚙ .env   U
  {} settings.json   U
  ◈ .gitignore   U
  ≡ .python-version   U
  🐍 main.py   U
  ⚙ pyproject.toml   U
  ① README.md   U

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

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

> list my Github reposistory

✓ get_me (github MCP Server) {}

{"login":"aimanarshad","id":125195093,"profile_url":"https://github.com/aimanarshad","avatar_url":"https://avatars.githubusercontent.com/u
/125195093?v=4","details":{"name":"Aiman
Arshad","blog":"www.linkedin.com/in/aiman-a-013152266","bio":"developer\r\n","public_repos":65,"public_gists":0,"followers":3,"following":
1,"created_at":"2023-02-12T12:57:59Z","updated_at":"2025-10-15T09:10:34Z"}}

✓ search_repositories (github MCP Server) {"query":"user:aimanarshad"}

... first 25 lines hidden ...
ount":0,"updated_at":"2024-12-17T07:58:18Z","created_at":"2024-12-17T07:55:53Z","private":false,"fork":false,"archived":false,"default_bra
nch":"main"},{"id":817607484,"name":"c-Projects","full_name":"aimanarshad/c-Projects","description":"all my c++ codes are avaible in this
repodsitery using all data structures
","html_url":"https://github.com/aimanarshad/c-Projects","language":"C++","stargazers_count":0,"forks_count":0,"open_issues_count":0,"upda
ted_at":"2024-06-20T05:03:10Z","created_at":"2024-06-20T04:55:58Z","private":false,"fork":false,"archived":false,"default_branch":"main"},
{"id":953926193,"name":"python_AssignmentGIAC","full_name":"aimanarshad/python_AssignmentGIAC","description":"IN THIS REPO THERE IS ALL

powershell
node

master* ⊗ 0 △ 0   Ln 6, Col 49 (14 selected)   Spaces: 4   UTF-8   CRLF   {} JSON with Comments   Go Live