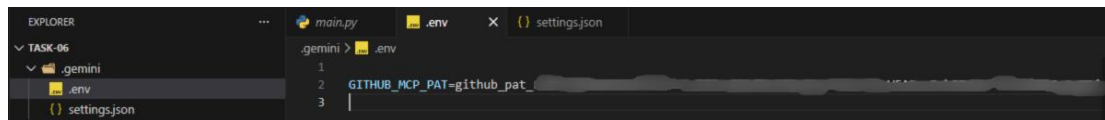


AI-Driven Development - 30-Day Challenge-Task-6

- Created GitHub Personal Access Token (PAT) using the link below:

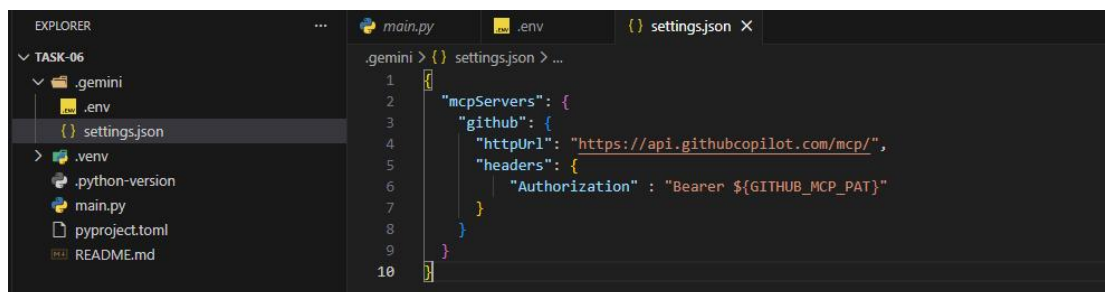
<https://github.com/settings/personal-access-tokens/new>

- Created **.gemini/.env** file and stored the generated token securely:



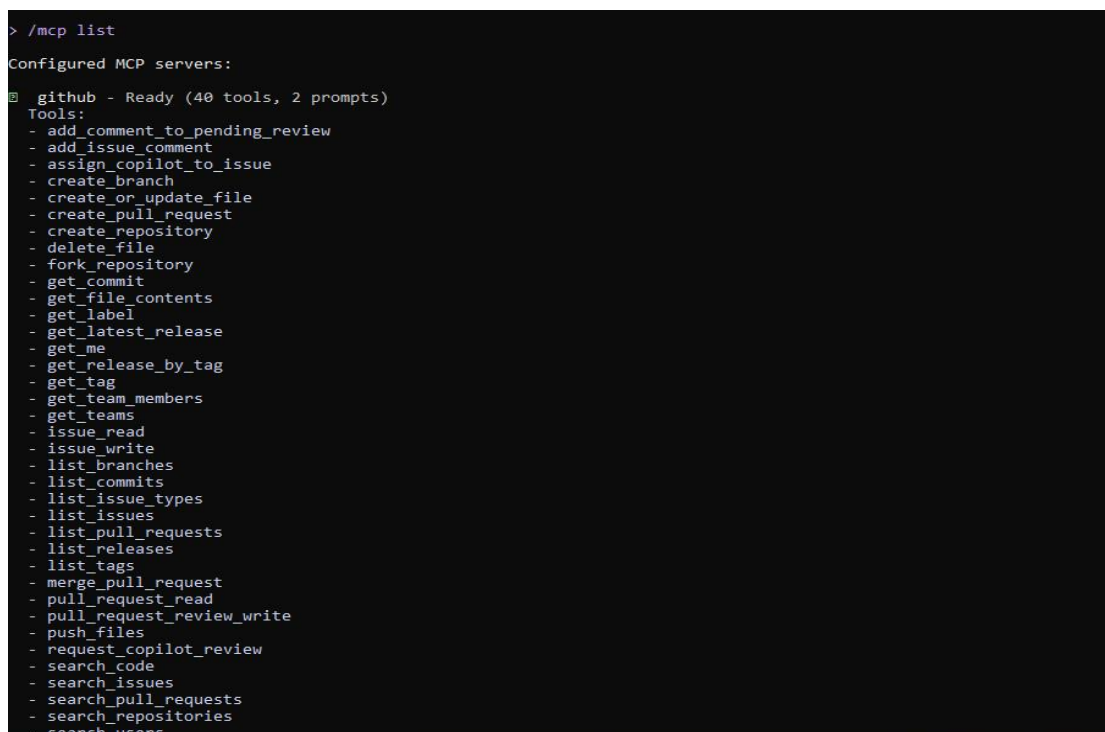
The screenshot shows the VS Code interface. The Explorer on the left shows a project structure with a folder named 'TASK-06' containing a subfolder '.gemini'. Inside '.gemini', there are files '.env' and 'settings.json'. The Editor on the right shows the content of the '.env' file, which contains a single line: 'GITHUB_MCP_PAT=github_pat_...' followed by a long alphanumeric string.

- Created **.gemini/settings.json** file and pasted the code to connect github MCP server.



The screenshot shows the VS Code interface. The Explorer on the left shows the same project structure as before, but now the 'settings.json' file is selected. The Editor on the right shows the content of 'settings.json', which is a JSON object with a 'mcpServers' property. The 'mcpServers' property is an object with a 'github' key. The 'github' key's value is an object with 'httpUrl' and 'headers' properties. The 'httpUrl' is 'https://api.githubcopilot.com/mcp/' and the 'headers' is an object with an 'Authorization' property set to 'Bearer \${GITHUB_MCP_PAT}'.

- Restarted the Gemini CLI
- Verified the Connection it shows github — Ready (40+ tools)



The screenshot shows a terminal window with the following output:

```
> /mcp list
Configured MCP servers:
github - Ready (40 tools, 2 prompts)
Tools:
- add_comment_to_pending_review
- add_issue_comment
- assign_copilot_to_issue
- create_branch
- create_or_update_file
- create_pull_request
- create_repository
- delete_file
- fork_repository
- get_commit
- get_file_contents
- get_label
- get_latest_release
- get_me
- get_release_by_tag
- get_tag
- get_team_members
- get_teams
- issue_read
- issue_write
- list_branches
- list_commits
- list_issue_types
- list_issues
- list_pull_requests
- list_releases
- list_tags
- merge_pull_request
- pull_request_read
- pull_request_review_write
- push_files
- request_copilot_review
- search_code
- search_issues
- search_pull_requests
- search_repositories
- search_users
```

➤ “List my GitHub repositories”

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

- * vanilla-frontend-projects: A collection of 20+ frontend mini-projects built using HTML, CSS, and JavaScript – perfect for learning core web development skills and showcasing them in a job-ready portfolio. (HTML)
- * todo-list-using-reactjs: in this repository I have created a todo list using reactjs with options add todo, update todo, delete todo and check todo. (JavaScript)
- * project03-todo-list: In this repository I have created a simple todo list app with options : Add todo, Delete a todo, View all todos and Exit the todo list. (TypeScript)
- * Full-Stack-E-Commerce-Website-built-with-Next.js-15: A modern, scalable, and responsive full-stack e-commerce web application built using: Next.js 15, Tailwind CSS, ShadCN UI, Framer Motion, Stripe for secure payment integration , Clerk for user authentication and management, Sanity CMS as a powerful headless CMS. (TypeScript)
- * Password-Generator-using-Reactjs: In this repository I have created a password generator using Reactjs. (JavaScript)
- * project-02-atm: This is a simple ATM machine with options Fast cash, withdraw and check balance etc (JavaScript)
- * Portfolio-website-01-by-Muhammad-Raheem: (TypeScript)
- * Saylani-website-home-page-clone: this is a Saylani Welfare Trust website home page clone using html and tailwind css. (HTML)
- * Typescript-and-Node.js-45-Questions-Assignment: In this repository I have solved all 45 exercises Assignment completely. (TypeScript)
- * figma-to-code-ui-projects: A collection of beautiful and responsive UI projects built by converting Figma designs into code using HTML, CSS, Tailwind CSS, and modern frontend tools. (TypeScript)
- * Password-Generator: This is a password generator created using html , css and JS (JavaScript)
- * smit-dialogflo-mega-test: A dialogflo agent mega project at SMIT during GenAI&chatbot course (HTML)
- * GIAIC-NextJs-UI-UX-Hackathon-E-Commerce-website-Template-0-by-Muhammad-Raheem (TypeScript)
- * Python-Assignment-05--Secure-Data-Encryption-System-Using-Streamlit: A Streamlit-based app for securely storing and retrieving encrypted data using passkeys and AES (Fernet) encryption. Includes secure authentication, in-memory & persistent storage, and auto logout after failed attempts. (Python)
- * Analog-Clock-: This is a simple analog clock created using HTML , CSS and JavaScript (CSS)
- * basic-e-commerce-redux-site: A basic e-commerce website built with Next.js, TypeScript, Redux Toolkit, and Redux Persist. Features include product browsing from local mock data, cart state management, and cash on delivery checkout with order confirmation. (TypeScript)
- * GIAIC-Hackathon-1-milestone-04-Editable-Resume-builder: This is simple editable dynamic resume builder using html css and js (TypeScript)
- * GIAIC-Hackathon-1-milestone-03-dynamic-Resume-builder: (TypeScript)
- * Python-Assignment-06-OOP-Series: This repo contains assignments related to Object Oriented Programming in python. (Python)
- * Simple-Calculator: This is a Simple Command Line Calculator (JavaScript)
- * stop-watch: This is a simple stop watch that is created using html, css and JS. (JavaScript)
- * GIAIC-Hackathon-1-milestone-05-Shareable-Resume-builder-by-Muhammad-Raheem: (TypeScript)
- * nextjs-tailwind-frontend-projects: A collection of modern frontend projects built with Next.js and Tailwind CSS – designed to showcase UI/UX skills, component reusability, and responsive design. (TypeScript)
- * AI-Driven-Development-AIDD-: Learning AI-Driven Development (AIDD) during Agentic AI journey
- * Analog-Clock-2: Analog Clock using html css and javascript (CSS)
- * GIAIC-1st-Hackathon-milestone-01-Static-Resume-Buildr: (CSS)
- * Portfolio-website-02-using-pure-html-css-and-JS: this is simple portfolio website created using pure html css and javascript (HTML)
- * Portfolio-using-html-and-Tailwindcss: Tis is a basic portfolio that I had created using html and Tailwind css (HTML)
- * SMIT-GenAI-course: This repo will include all GenAI&chatbot projects and assignments given at SMIT. (HTML)

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