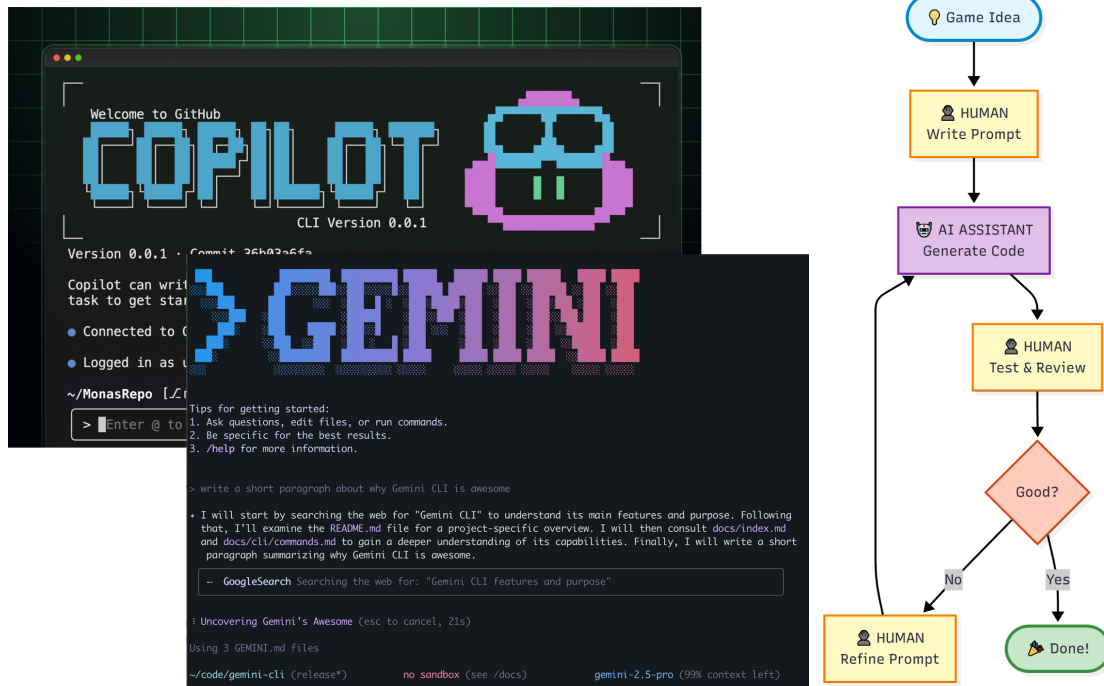


AI CLI Tools Installation

This workshop uses AI-powered command-line interface (CLI) tools to assist in code generation and editing. We recommend using **GitHub Copilot CLI** (free for students) or **Gemini CLI** (free tier available).



GitHub Copilot CLI (Recommended for Students)

GitHub Copilot CLI brings the power of Copilot to your terminal. **Free for verified students with GitHub Education!**

- **Installation Guide:** <https://docs.github.com/en/copilot/how-tos/set-up/install-copilot-cli>
- **Usage Guide:** <https://docs.github.com/en/copilot/how-tos/use-copilot-agents/use-copilot-cli>
- **Requirements:** GitHub account with Copilot subscription
- **Pricing:**
 - **FREE for verified students!** See [how to get free access](#)

How to Get Free GitHub Copilot as a Student

1. Sign up for [GitHub Education](#)
2. Verify your student status (requires .edu email or student ID)
3. Once approved, GitHub Copilot Pro is included for free
4. Install the CLI tool using the installation guide above

Gemini CLI

The Gemini CLI allows you to interact with Google's Gemini models from your terminal and within VS Code.

- **Installation Guide:** <https://github.com/google-gemini/gemini-cli>

- **VS Code Extension:** Search for "Gemini CLI Companion" in the Visual Studio Code Marketplace, or install directly from [VS Code Marketplace](#)
 - **Requirements:** Google account
 - **Free Tier:** 60 requests/min and 1,000 requests/day with personal Google account
-

Other AI CLI Tools (Optional)

While not required for this workshop, you may also use other AI CLI tools if you have access:

Claude Code

Claude Code is Anthropic's official CLI for Claude, providing a powerful command-line interface with VS Code integration.

- **Installation Guide:** <https://docs.claude.com/claude-code>
 - **Requirements:** Claude Pro subscription (\$20/month) or API access
 - **Features:** Multi-file editing, integrated terminal commands, VS Code extension
-

Getting Started

1. **Choose your tool:**
 - **Students:** Get GitHub Copilot CLI for free with GitHub Education
 - **Anyone:** Use Gemini CLI's free tier
 2. **Follow the installation guide** for your chosen tool
 3. **Authenticate** your account (each tool connects with its respective platform)
 4. **Test the installation** by running a simple prompt
 5. **Try a game prompt** from the [/prompts/](#) folder in this repository
-

Recommended Setup for Workshop

- **Primary Tool:** GitHub Copilot CLI (free for students) or Gemini CLI (free tier)
 - **IDE:** Visual Studio Code with the corresponding extension
 - **Terminal:** Any modern terminal (Terminal on Mac/Linux, PowerShell/WSL on Windows)
 - **Python Environment:** Python 3.8+ with pip installed
-

Quick Comparison

Feature	GitHub Copilot CLI	Gemini CLI
Cost for Students	FREE	FREE
Setup Difficulty	Easy	Easy
Request Limits	300 premium requests/month with Pro	60 req/min, 1,000/day
Best For	Students with GitHub Education	Everyone, quick start