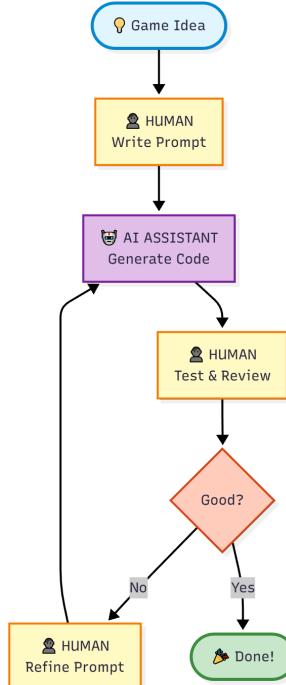
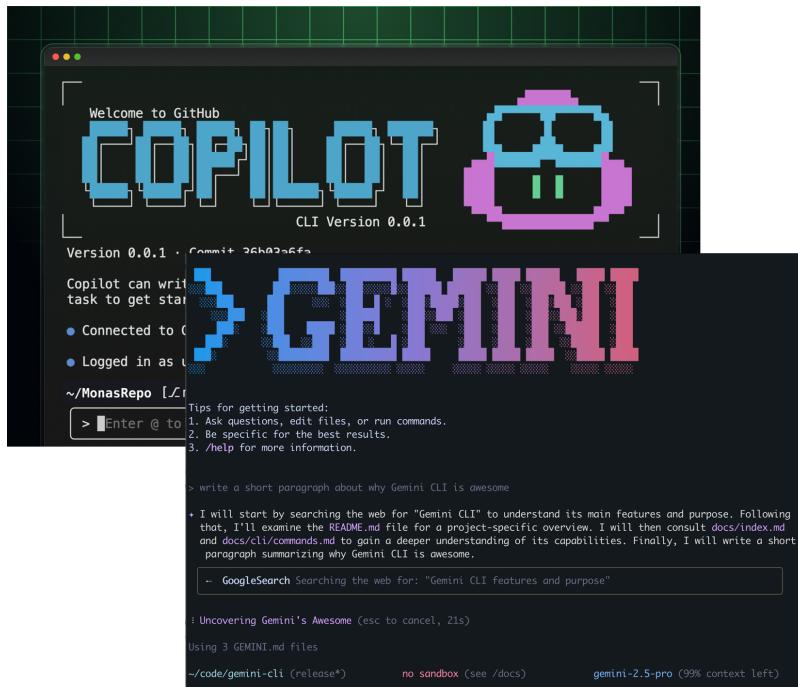


# 🔧 AI CLI Tools Installation

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
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## 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
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## 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
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## 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
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## Quick Comparison

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