

AI-Driven Development - 30-Day Challenge

Task 3 — Official Submission (Updated Version)

PART A — Research Questions (Short Answers)

1. What new improvements were introduced in Gemini 3.0?

Similar to humans who stop and think about hard problems, Gemini 3 can now "think" before answering. This helps it check its own work and plan its responses more carefully. Before, Gemini could suggest code when you asked for it but now it can act on its own like a mini developer means we can say Gemini 3 becomes a coding agent, not just a helper. It can plan, write, test, and fix code by itself without needing you to guide it every step of the way.

Antigravity Platform:

This is the special environment where Gemini 3 works. Think of it like a sandbox where Gemini 3 can try out code safely in a browser, test it, and correct mistakes automatically. This means you can build apps just by describing what you want in plain English, instead of writing complicated code.

2. How does Gemini 3.0 improve coding & automation workflows?

Gemini 3 can handle repetitive or multi-step workflows on its own. For example automatically fetch data, process it, generate a report, and send it without human intervention. This saves time and reduces human error. Makes projects more efficient, reliable, and maintainable.

3. How does Gemini 3.0 improve multimodal understanding?

Previous AI models could work with text or images, sometimes audio or video, but not all together smoothly. Gemini 3 can process text, code, audio, images, and video at the same time. This means it can handle very large documents, full codebases, or long books without forgetting details.

4. Name any two developer tools introduced with Gemini 3.0.

1. Google Antigravity: This is the special environment where Gemini 3 works.
2. Hosted Bash Tool via Gemini API

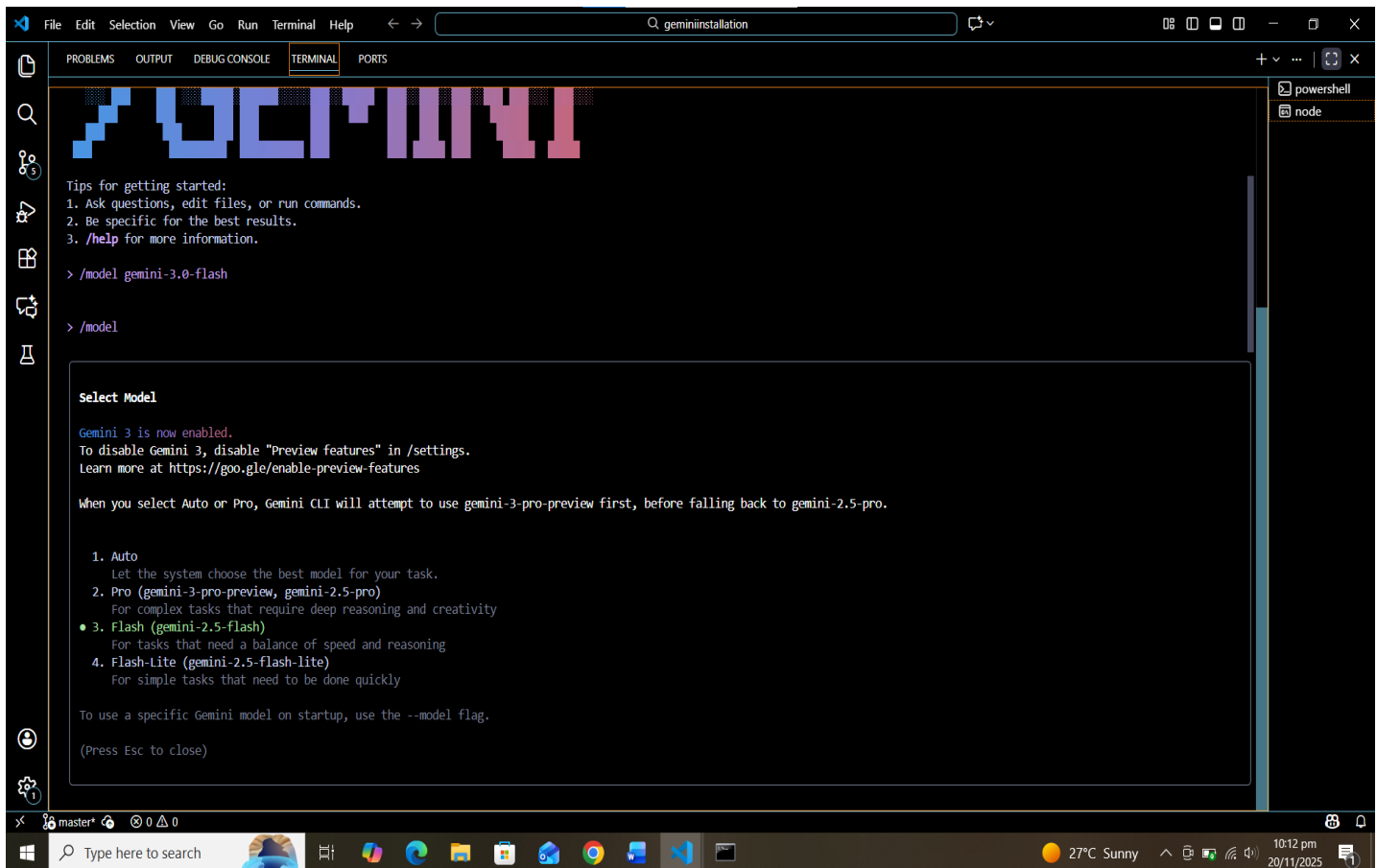
🌟 PART B — Practical Task (Screenshot Required)

Task:

You must complete the following steps:

1. Install Gemini CLI 3.0

Research and follow the official installation steps to install Gemini CLI 3.0 on your operating system (Windows, macOS, or Linux). Make sure you are installing the latest version (3.0) to access all new features and improvements.



The screenshot shows a Windows terminal window with the Gemini CLI 3.0 interface. The terminal has a dark background with a colorful 'GEMINI' logo at the top. Below the logo, there are 'Tips for getting started' and a list of commands. The user has entered the command `> /model gemini-3.0-flash`. The terminal also displays a 'Select Model' menu with four options: 1. Auto, 2. Pro (gemini-3-pro-preview, gemini-2.5-pro), 3. Flash (gemini-2.5-flash), and 4. Flash-lite (gemini-2.5-flash-lite). The 'Flash' option is currently selected. The terminal window is titled 'geminiinstallation' and has a search bar at the top. The Windows taskbar is visible at the bottom, showing the search bar, taskbar icons, and system tray information.

```
File Edit Selection View Go Run Terminal Help  Q geminiinstallation  + - x
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS  + v ... | x
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.

> /model gemini-3.0-flash

> /model

Select Model

Gemini 3 is now enabled.
To disable Gemini 3, disable "Preview features" in /settings.
Learn more at https://goo.gle/enable-preview-features

When you select Auto or Pro, Gemini CLI will attempt to use gemini-3-pro-preview first, before falling back to gemini-2.5-pro.

1. Auto
  Let the system choose the best model for your task.
2. Pro (gemini-3-pro-preview, gemini-2.5-pro)
  For complex tasks that require deep reasoning and creativity
3. Flash (gemini-2.5-flash)
  For tasks that need a balance of speed and reasoning
4. Flash-lite (gemini-2.5-flash-lite)
  For simple tasks that need to be done quickly

To use a specific Gemini model on startup, use the --model flag.

(Press Esc to close)
```