AI-Driven Development — 30-Day Challenge

Task 3 — Official Submission

PART A — Research Questions (Short Answers)

1. What new improvements were introduced in Gemini 3.0?
Gemini 3.0 includes major upgrades in deep reasoning, planning and overall stability. It can now break down complex tasks, think more clearly, and follow multi-step instructions without long prompts. It also adds stronger agent-like abilities, allowing it to work more independently across tools. Performance is faster and the context window is much larger compared to previous versions.

2. How does Gemini 3.0 improve coding & automation workflows?
Gemini 3.0 acts like a smart coding partner. It can plan, write, execute, and debug code on its own. It works across the IDE and terminal together, helping set up projects, fix errors, and generate complete features from natural descriptions. This removes repetitive tasks and speeds up development significantly.

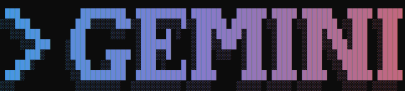**3. How does Gemini 3.0 improve multimodal understanding?**
Because Gemini 3.0 is fully multimodal, it understands text, images, videos, and UI screenshots together. It can analyze long videos, extract information instantly, and even turn UI screenshots into complete functional code like React or Flutter. Its ability to combine visual and textual understanding makes it far more powerful than earlier versions.

4. Name any two developer tools introduced with Gemini 3.0.
1. Google Antigravity — An agentic development environment where Gemini works inside the editor, terminal, and browser at the same time.
2. GenUI SDK — A toolkit for generating full visual user interfaces directly from model output.

PART B — Practical Task (Screenshot Included)

Below is the screenshot showing the update to the Gemini 3.0 model using the /model command.

```
>  GEMINI
```

Tips for getting started:
1. Ask questions, edit files, or run commands.
2. Be specific for the best results.
3. Create GEMINI.md files to customize your interactions with Gemini.
4. /help for more information.

> /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)