

AI-Driven Development - 30-Day Challenge

Task #3

Part# 3

1. What new improvements were introduced in Gemini 3.0?

A. Gemini 3 introduces new parameters designed to give developers more control over latency, cost, and multimodal fidelity. The `thinking_level` parameter controls the **maximum** depth of the model's internal reasoning process before it produces a response. It's also read images, video accept text. The thinking model improves the understanding of complex and long task

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

A. Gemini 3.0 makes coding and automation faster with smart agents, deep reasoning, a long context window, better code quality, API/terminal automation, and clean workflow tracking.

3. How does Gemini 3.0 improve multimodal understanding?
 - A. Gemini 3.0 deeply understands text, images, audio, video, and documents together, enabling smarter reasoning. Its visual, spatial, and video understanding has greatly improved, making complex multimodal tasks much more accurate.

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

A. Two developer tools introduced with Gemini 3.0 are :

1. **Google Antigravity** — an “agent-first” development IDE that gives Gemini 3 agents direct access to the editor, terminal, and browser.
2. **Gemini API (bash tool)** — includes a client-side bash tool that allows Gemini to propose shell commands, along with server-side support for multi-language code generation.

Part B

You must complete the following steps:

Update the Gemini 3.0 model

Using the /model command in Gemini CLI, update the Gemini model to the latest version

(3.0).

```
> /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)

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

Using: 8 GEMINI.md files
> Type your message or @path/to/file
~\...\inventory_cli (main*)                                     no sandbox (see /docs)                                pro
```