

AI-Driven Development (AIDD) – 30-Day Challenge

Task 3 – Official Submission

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Class Slot: Friday — 6:00 PM to 9:00 PM

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PART A — Research Questions (Short Answers)

1. What new improvements were introduced in Gemini 3.0?

Gemini 3.0 introduces major improvements such as faster response speed, better reasoning abilities, stronger coding accuracy, enhanced multimodal understanding, and improved long-context handling. It also includes more optimized models like Gemini 3.0 Flash and Pro, making AI responses more accurate and efficient.

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

Gemini 3.0 provides stronger code generation, better debugging support, and higher accuracy in writing and understanding multiple programming languages. It also improves automation workflows with better CLI support, faster execution, smart suggestions, and more reliable code completion.

3. How does Gemini 3.0 improve multimodal understanding?

Gemini 3.0 can process images, audio, video, and text with improved accuracy. It understands visual details better, handles complex multimodal tasks, and generates more context-aware outputs. It also performs better in OCR, video reasoning, and image-based problem solving.

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

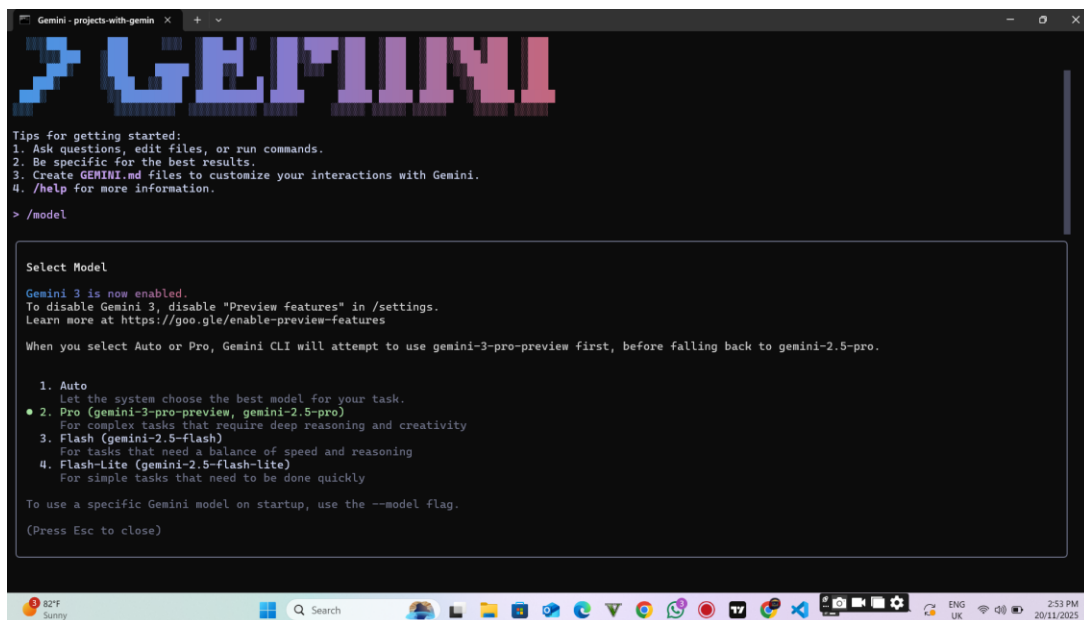
1. Gemini CLI (updated for 3.0 models)
2. Gemini API (new endpoints, improved developer tools)

★ PART B — Practical Task

Task:

Update the Gemini 3.0 model using the CLI.

Screenshot:



```
Gemini - projects-with-gemini x + v
[Stylized Gemini Logo]

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)
```