

# AI-Driven Development - 30-Day Challenge

## Task-3:

### ★ PART A – Research Questions (Short Answers)

**1.** What new improvements were introduced in Gemini 3.0 (Research and write short answer)

**A- Gemini 3.0** introduced major improvements like stronger reasoning, better multimodal understanding (text, image, audio, video), a larger context window, new interactive visual layouts, enhanced coding abilities, and more powerful agent features for doing multi-step tasks. It also improved accuracy, safety, and overall performance across benchmarks.

**2.** How does Gemini 3.0 improve coding & automation workflows? (Research and write short answer)

**A- Gemini 3.0** improves coding and automation by adding stronger agent abilities that can plan and complete multi-step tasks, better “vibe coding” for creating apps from simple descriptions, improved terminal and tool use for automating workflows, and deeper reasoning with long context so it can write, test, and fix code more accurately.

**3.** How does Gemini 3.0 improve multimodal understanding? (Research and write short answer)

**A- Gemini 3.0** improves multimodal understanding by analyzing text, images, audio, video, and code together with stronger reasoning. It can handle much longer inputs, understand scenes and documents more accurately, and connect information across different formats better than previous versions.

**4.** Name any two developer tools introduced with Gemini 3.0.? (Research and write short answer)

**A- Google Antigravity and Gemini CLI.**

### ★ PART B – Practical Task (Screenshot Required)

**Task:**

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).



```
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

> /settings

> /model

> /model set gemini-3.0
```

You are running Gemini CLI in your home directory. It is recommended to run in a project-specific directory.

#### 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)

**Task 03 Completed!**