

# AI-Driven Development - 30-Day Challenge

## Task-3

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### PART-A

#### **1. Name any two developer tools introduced with Gemini 3.0.**

The two developer tools that are being introduced in the new Geminin 3.0 models are following:

1. Nano Banana Pro
2. Antigravity

##### Nano Banana Pro:

Nano Banana Pro is the upgraded version of the previous Nano Banana which is an image generation tool. Now in this new model text rendering is better in images, images can be generated in 4k resolutions. It can now also blend up to 14 images into one composition.

##### Anitgravity:

Google Antigravity is the new agent-first IDE development tool which is introduced by google and works together with Gemini 3. It is a fully AI Agent integrated IDE where different multi agents and multi models work parallel and not only write code but they can plan, design, test and validate full tasks.

#### **2. What new improvements were introduced in Gemini 3.0?**

The new Gemini three has much stronger reasoning infect it is the smartest AI model beating the benchmarks of Chat GPT 5, Claude Sonnet 4.5 and other models. Gemini 3 also adds generative interfaces such as dynamic charts,

interactive small UI and layouts to understand complex ideas visually. It also can now take up to 1 million context.

### **3. How does Gemini 3.0 improve coding & automation workflows?**

Gemini 3 makes coding and automation easier. You can simply describe what you want to make and it plans the steps, writes the code, tests it, and fixes issues on its own. Inside the new Antigravity, the AI can even use the terminal and browser like a real developer. Its improved reasoning helps it handle long, tricky tasks more accurately, and multiple agents can work together when a project gets big.

### **4. How does Gemini 3.0 improve multimodal understanding?**

Gemini 3 can now understand different types of information like text, audio, video and much more naturally like we humans do. It can analyze complex data and can make decisions that are more human like. Also it can now understand the movements of objects, their shapes and design and overall can more accurate analysis.

SCREEN SHOT OF PART B ON NEXT PAGE



Tips for getting started:  
1. Ask questions, edit files, or run commands.  
2. Be specific for the best results.  
3. `/help` for more information.

`> /settings`

`> /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)