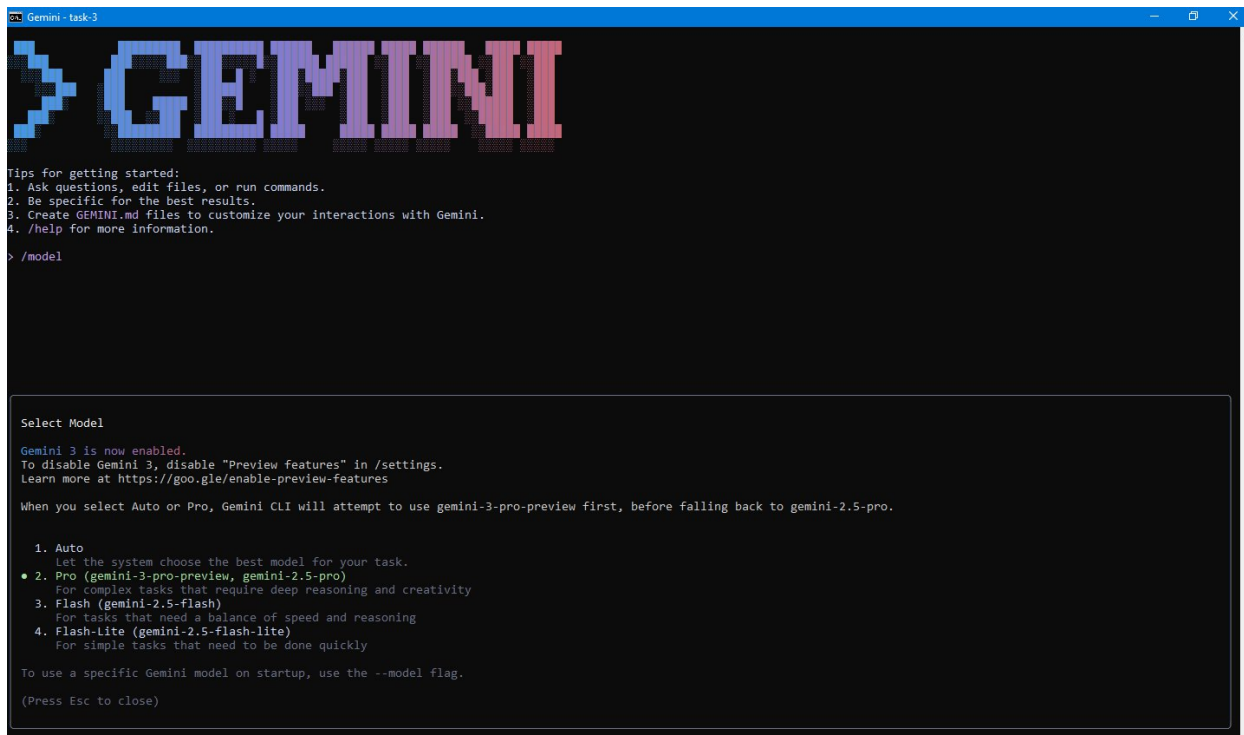


☆ PART A — Researched (Short Answers):

- **What new improvements were introduced in Gemini 3.0?**
 - Gemini 3.0 mein *state-of-the-art reasoning* aur gehri “thinking_level” control ayi hai jo latency aur cost balance kar sakti hai
 - Multimodal understanding bohot better hui hai — images, video, text aur code ko ek sath samajhne aur reason karne ki salahiyat zyada hui hai
 - “Thought Signatures” ka feature hai jo model ke internal reasoning context ko maintain karta hai across multiple API calls.
 - Safety mein bhi improvements hain — prompt injection resistance zyada hai aur misuse ke khilaf protections behtar hain.
- **How does Gemini 3.0 improve coding & automation workflows?**
 - “Vibe coding” ka concept aya hai: aap natural language mein idea batao, Gemini 3 Pro usko plan aur code mein badal de sakta hai.
 - Gemini 3 Pro agentic workflows ko support karta hai: agents (AI bots) editor, browser aur terminal ko directly use kar sakte hain, aur complex softwares khud plan aur execute kar sakte hain.
 - Google ne **Antigravity** platform banaya hai — ek agent-first development IDE jahan AI agents independent tasks likh sakte hain, test kar sakte hain aur apni progress aur deliverables (artifacts) dikhate hain.
- **How does Gemini 3.0 improve multimodal understanding?**
 - Gemini 3 Pro ki visual reasoning bohot strong hai — wo images ya documents mein sirf OCR (**image ke andar likhe huye text ko read karna**) nahi karta balkay unka logical aur semantic meaning samajhta hai.
 - Spatial reasoning (means Objects **kahan** hain, Kis **angle** par hain, Kis **distance** par hain wagera) bhi behtar hui hai — model ab objects ka position, trajectory aur spatial relationship samajh sakta hai, jo robotics, XR aur autonomous systems mein useful hai.
 - Media resolution parameter diya gaya hai (low, medium, high) jisse developers ye control kar sakte hain ke image ya video processing kis quality mein ho aur cost/latency kaise manage ho.
- **Name any two developer tools introduced with Gemini 3.0.**

- **Google AI Studio** — Web-based IDE jahan aap Gemini 3 se “vibe coding” kar sakte hain.
- **Gemini CLI (command line tool)**: Iske zariye shell commands propose karne aur system operations ko automate karne ka workflow banaya gaya hai.

☆ PART B — Practicle Task:



The screenshot shows a terminal window titled "Gemini - task-3". At the top, there is a large, stylized "GEMINI" logo in a pixelated font. Below the logo, there are "Tips for getting started:" followed by four numbered instructions: 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. Below the tips, the prompt "> /model" is entered. A modal box titled "Select Model" is displayed, containing information about Gemini 3 being enabled and a list of model options: 1. Auto (let the system choose), 2. Pro (gemini-3-pro-preview, gemini-2.5-pro) for complex tasks, 3. Flash (gemini-2.5-flash) for balanced tasks, and 4. Flash-Lite (gemini-2.5-flash-lite) for simple tasks. It also mentions using the --model flag for specific models and a note to press Esc to close.

```
Gemini - task-3
> 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)
```