AI-Driven Development - 30-Day Challenge

Task-3

1- What new improvements were introduced in Gemini 3.0?

Ans- Gemini 3.0 delivers major upgrades like it can reason much better, use a new "Deep Think" mode for hard problems, and understand text, images, documents, and videos more accurately. It also has a much larger 1-million-token context window. New features like Visual Layout, Dynamic View, and "vibe coding" make it easier to interact with and build apps using plain language. It also connects more smoothly with Google's other products.

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

Ans- Gemini 3.0 makes coding and automation easier with "vibe coding". Developers can turn plain-language instructions into full apps. It can plan and carry out more complex tasks, acting more like a helpful partner. New tools like Google Antigravity and the Gemini API Bash tool let AI agents work directly in the editor and terminal, suggest commands, and show the files or steps they use to explain their work.

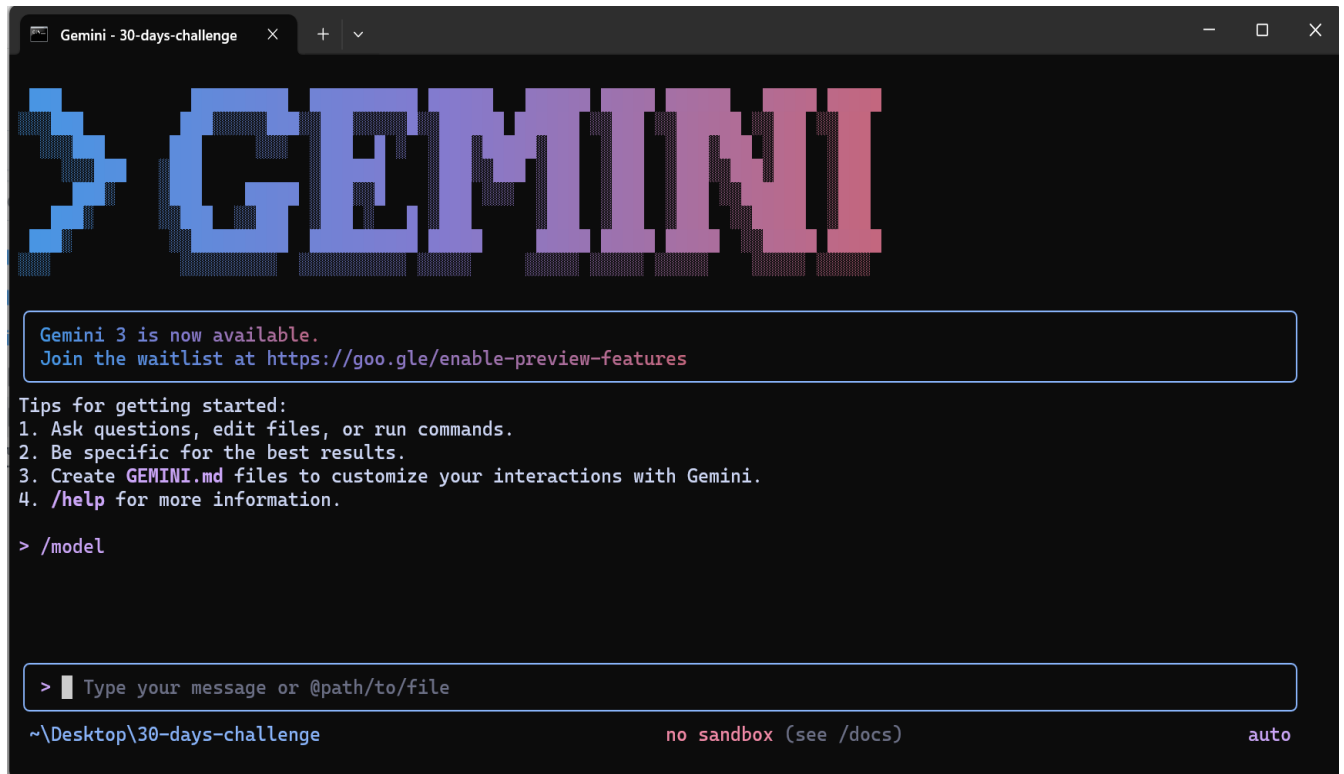3- How does Gemini 3.0 improve multimodal understanding?

Ans- Gemini 3.0 is much better at understanding different types of content. It performs strongly on image and video reasoning tests and can understand visuals, documents, layouts, and complex mixed-media situations more accurately. Its large 1-million-token context window helps it stay consistent across long inputs with text, images, and video. It also lets users adjust vision settings to balance quality, speed, and cost.

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

Ans- **Google Antigravity** - an agent-first development environment where Gemini agents can interact with the editor, terminal, and browser.

Gemini API Bash tool - which allows Gemini 3.0 to propose and run shell commands as part of automated workflows.

Task