

AI-Driven Development — 30 Days Challenge

Name: Muheeb ur rehman

Roll no: 00268313

Task 3

PART A — Research Questions (Short Answers)

1. What new improvements were introduced in Gemini 3.0?

Gemini 3 Pro demonstrates high-level reasoning, particularly in complex math and scientific questions. The model was trained on text, images, audio, video, and code within a single architecture.

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

The Gemini 3.0 model can generate full code using the Google Antigravity agentic development platform. Gemini 3.0 can follow complex, multi-step instructions, which is important for building robust AI agents.

3. How does Gemini 3.0 improve multimodal understanding?

Gemini 3 processes all inputs (text, images, video, audio, and code) through a single core design. This enables cross-modal reasoning and understanding.

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

1. Google Antigravity
2. Deep Think Mode

Part B — Practical Task (Screenshot Required)

```
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)
```