

# AIDD 30 Days Challenge Task: 3

## PART A - Research Questions (Short Answers)

### Question 1:

**What new improvements were introduced in Gemini 3.0?**

#### Answer:

I have read the official documentation of Google regarding **Gemini 3**, and it has some very huge updates making this world's most intelligent and powerful tool. Here are some few I got from the resources:

- Gemini 3 supports multimodal understanding in the simple words it means that it can hear, see and understand various queries whether in the video form or any text or image.
- It is now the most powerful Agentic & Vibe coding tool.
- Gemini 3 is now introducing "Deep Think".
- It is considered as the most intelligent for reasoning and modality.
- Gemini can now create interactive user interfaces.

### Question 2:

**How does Gemini 3.0 improve coding & automation workflows?**

#### Answer:

It is stated in the documentation that Gemini 3 is now the powerful tool in Coding. It is designed in way that it can code, test and execute the code autonomously.

As we all know that vibe coding is in the trend and a developer can create any of idea by giving the best possible specification to it and it will create the app. For example, any of the thing like (build an app etc.). And it will create a working app with a simple prompt as well.

### Question 3:

**How does Gemini 3.0 improve multimodal understanding?**

#### Answer:

Gemini 3 has an ability to understand not just the text and text in the image but, it can understand the structure of the image and the layout also the video reasoning.

It can now create rich visuals in which it can create interactive user interfaces like table and applications.

Gemini 3 can understand any video for example a video presentation, it can read documents (PDF) and sets of images and many more.

### Question 4:

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

#### Answer:

Gemini 3 has introduced two tools:

- Gemini AI CLI.
- Google Antigravity: It's an AI first IDE which directly supports gemini in it.

## 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).

### Screenshot:



```
ctf Gemini - AI DD
> /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)
```