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**Assignment 03**

**Date: 21-11-2025**

### **1-What new improvements were introduced in Gemini 3.0?**

Gemini 3.0 comes with big improvements in reasoning, understanding different types of data, and coding. It performs better than Gemini 2.5 Pro across key tests. It can handle complex tasks more accurately, understand text, images, audio, video, and code better, and works well with tools like Gemini CLI, Android Studio, and Antigravity. It can also plan, write, test, debug, and run whole projects on its own.

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

For coding and automation, Gemini 3.0 can write, run, debug, and improve code automatically. It understands full codebases and uses tools like Antigravity IDEs and Gemini CLI to automate testing, file creation, and complex workflows.

### **3-How does Gemini 3.0 improve multimodal understanding?**

In terms of multimodal understanding, Gemini 3.0 can process text, images, audio, video, and code all at once. It reasons better with visuals, space, and video, and its large context window allows it to handle long documents or videos without losing track, giving more accurate responses.

### **4-Name any two developer tools introduced with Gemini 3.0?**

Two developer tools introduced are Google Antigravity, which is an AI workspace for coding and task execution, and Gemini CLI 3.0, a command-line tool for coding, debugging, and automating workflows efficiently.

```
Windows PowerShell
2. Be specific for the best results.
3. Create GEMINI.md files to customize your interactions with Gemini.
4. /help for more information.

> /model

[+] Gemini CLI update available! 0.15.4 → 0.17.0
    Installed with npm. Attempting to automatically update now...

[+] Update successful! The new version will be used on your next run.

> /model

> /settings

> /model

You are running Gemini CLI in your home directory. It is recommended to run in a project-specific directory.

In Copy Mode. Press any key to exit.

Select Model

  1. Auto (recommended)
    Let the system choose the best model for your task
  2. Pro
    For complex tasks that require deep reasoning and creativity
  • 3. Flash
    For tasks that need a balance of speed and reasoning
  4. 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)
```

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