Assignment 6:

TASK 1:

"Generate a logo for a tech startup using neon colors."

- **Category:** *Visual*

- **Reasoning:** This prompt requests the creation of a visual asset (a logo). The focus is on design generation rather than discussion or explanation.

"Explain blockchain to a 5-year-old."

- **Category:** *Instructional / Explanatory*

- **Reasoning:** This is asking for a simplified explanation of a complex concept. The purpose is to teach or clarify, making it instructional in nature.

"You are a UX designer. Suggest improvements to this app layout."

- **Category:** *Instructional / Advisory (Roleplay-based)*

- **Reasoning:** The prompt frames the assistant as a UX designer and asks for expert advice. This is an instructional/advisory request, but with a *role-based perspective* to guide the tone and style of the answer.

TASK 2:

1. Original: *"Generate a logo for a tech startup using neon colors."*
Refined: *"Design a modern logo for a tech startup named **NeonEdge**, using bright neon blue and pink colors, with a minimalist geometric style that conveys innovation and energy."*

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2. Original: *"Explain blockchain to a 5-year-old."*
Refined: *"Explain blockchain to a 5-year-old using a simple story with everyday objects (like toy blocks or candy trading), avoiding technical terms and keeping the explanation under 100 words."*

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3. Original: *"You are a UX designer. Suggest improvements to this app layout."*
Refined: *"As a UX designer, review the attached mobile app layout for a food delivery service and suggest 3–5 improvements to make navigation easier, improve readability, and enhance the checkout process."*

TASK 3:

Here are 5 original prompts across different domains:

ChatGPT (text-based)

"Imagine a future city in 2150 where humans and AI live as equals. Write a dialogue between a human philosopher and an AI ethicist debating the meaning of freedom in this society."

DALL·E (image-based)

"Create a surreal artwork showing a library that floats in the sky, with glowing books orbiting around it as planets, while people read in zero gravity."

SORA (video-based)

"Generate a cinematic video of a time-traveling archaeologist exploring ruined cities across different eras, from ancient Mesopotamia to a futuristic space colony, seamlessly transitioning between epochs with visually striking details."

Coding or Logic

"Write a Python program that generates a random maze using recursive backtracking and then solves it with the A* pathfinding algorithm, displaying both the maze and the shortest path visually."

Education or Training

"Design a micro-learning lesson for high school students that explains the concept of supply and demand using a roleplay scenario where students act as buyers and sellers in a simulated marketplace."