

# Assignment No. 6

## Task 1: Prompt Categorization

Categorize the following prompts into types (Instructional, Conversational, Visual, etc.) and explain your reasoning:

### ◆ Prompt 1:

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

- **Category: Visual**
- **Reasoning:**  
This prompt involves **creating a visual design** (a logo), which makes it fall under the **Visual** category. It requires image generation or artistic design with a specific theme (neon colors for a tech startup), not just text-based output.

### ◆ Prompt 2:

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

- **Category: Instructional**
- **Reasoning:**  
This is an **educational or explanatory** task. The aim is to break down a complex topic (blockchain) into **simple, age-appropriate language**, making it instructional in nature. It requires the communicator to teach or explain a concept effectively.

### ◆ Prompt 3:

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

- **Category: Conversational / Instructional (Hybrid)**
- **Reasoning:**  
 This prompt **puts the user (or AI) in a role** and asks for **feedback or suggestions**, mimicking a **consultative conversation**. It's somewhat **instructional** because it seeks specific guidance on improving a layout, but the **role-playing element** adds a **conversational aspect**.  
 Depending on how it's used (especially if an image is involved), it might also lean toward **Visual**, but with only text provided, the **primary type** is **Conversational with Instructional intent**.

## Task 2: Refinement Practice

### Instructions:

Refine the following vague prompts to make them more specific, detailed, and actionable.

#### ◆ Prompt 1

- **Original:** *"Design a website."*
- **Refined:** *"Design a responsive homepage for a local bakery, including a hero image of fresh bread, a navigation menu with links to Menu, About Us, and Contact, and a warm color palette with earthy tones."*

#### ◆ Prompt 2

- **Original:** *"Write a story."*
- **Refined:** *"Write a short story (300–500 words) about a time-traveling teenager who accidentally lands in ancient Egypt and must solve a riddle to return home."*

### ◆ Prompt 3

- **Original:** *"Make a video."*
- **Refined:** *"Create a 60-second promotional video for a fitness app targeting young adults, featuring upbeat music, quick workout clips, and on-screen text highlighting key features like personalized plans and progress tracking."*

### ◆ Prompt 4

- **Original:** *"Draw something creative."*
- **Refined:** *"Draw a futuristic cityscape at night, featuring neon-lit skyscrapers, flying cars, and a glowing digital billboard displaying the year 3025."*

### ◆ Prompt 5

- **Original:** *"Build a game."*
- **Refined:** *"Build a 2D platformer game where the player controls a cat collecting stars while avoiding obstacles like water puddles and barking dogs. Include 3 levels and background music."*

## Task 3: Prompt Design Exercise

### Instructions:

Design **5 original prompts**, each tailored to a specific domain:

### ◆ 1. ChatGPT (Text-Based Prompt)

**Prompt:**

*"Act as a historical tour guide in ancient Rome. Describe a day in the life of a Roman citizen, including what they eat, how they work, and their evening activities. Use a friendly and engaging tone."*

- **Purpose:** Generates an informative, immersive narrative.
- **Target:** Text generation with historical accuracy and creativity.

## ◆ 2. DALL·E (Image-Based Prompt)

**Prompt:**

*"Create a detailed digital illustration of a futuristic underwater city, with glowing coral skyscrapers, submarine transportation, and bioluminescent sea creatures swimming around."*

- **Purpose:** Generates a visually rich and imaginative scene.
- **Target:** Image creation with sci-fi and aquatic elements.

## ◆ 3. SORA (Video-Based Prompt)

**Prompt:**

*"Generate a 10-second cinematic video showing a drone flying over a dense jungle at sunrise, with rays of light piercing through the fog and tropical birds flying in the background."*

- **Purpose:** Creates a realistic, atmospheric short video.
- **Target:** Video generation with focus on lighting, environment, and movement.

## ◆ 4. Coding / Logic Prompt

**Prompt:**

*"Write a Python function that checks whether a given string is a palindrome, ignoring spaces, punctuation, and case sensitivity. Include test cases to validate the function."*

- **Purpose:** Tests logic, string manipulation, and coding accuracy.
- **Target:** Programming task suitable for beginner to intermediate learners.

## ♦ 5. Education / Training Prompt

### **Prompt:**

*"Design a 10-question multiple-choice quiz to help 8th-grade students understand the basics of photosynthesis, including light absorption, chlorophyll, and the role of carbon dioxide."*

- **Purpose:** Supports learning and assessment in science education.
- **Target:** Educational content creation with student-level appropriateness.