

## PRACTICAL No. 06

### Assignment Tasks

#### Task 1: Prompt Categorization

Here's how I'd categorize them, with quick reasoning:

1. “Generate a logo for a tech startup using neon colors.”

□ **Type:** Visual — Image/Design Generation

□ **Why:** It requests a created visual asset (a logo) with a stylistic constraint (neon colors). Output is an image, not text.



2. “Explain blockchain to a 5-year-old.”

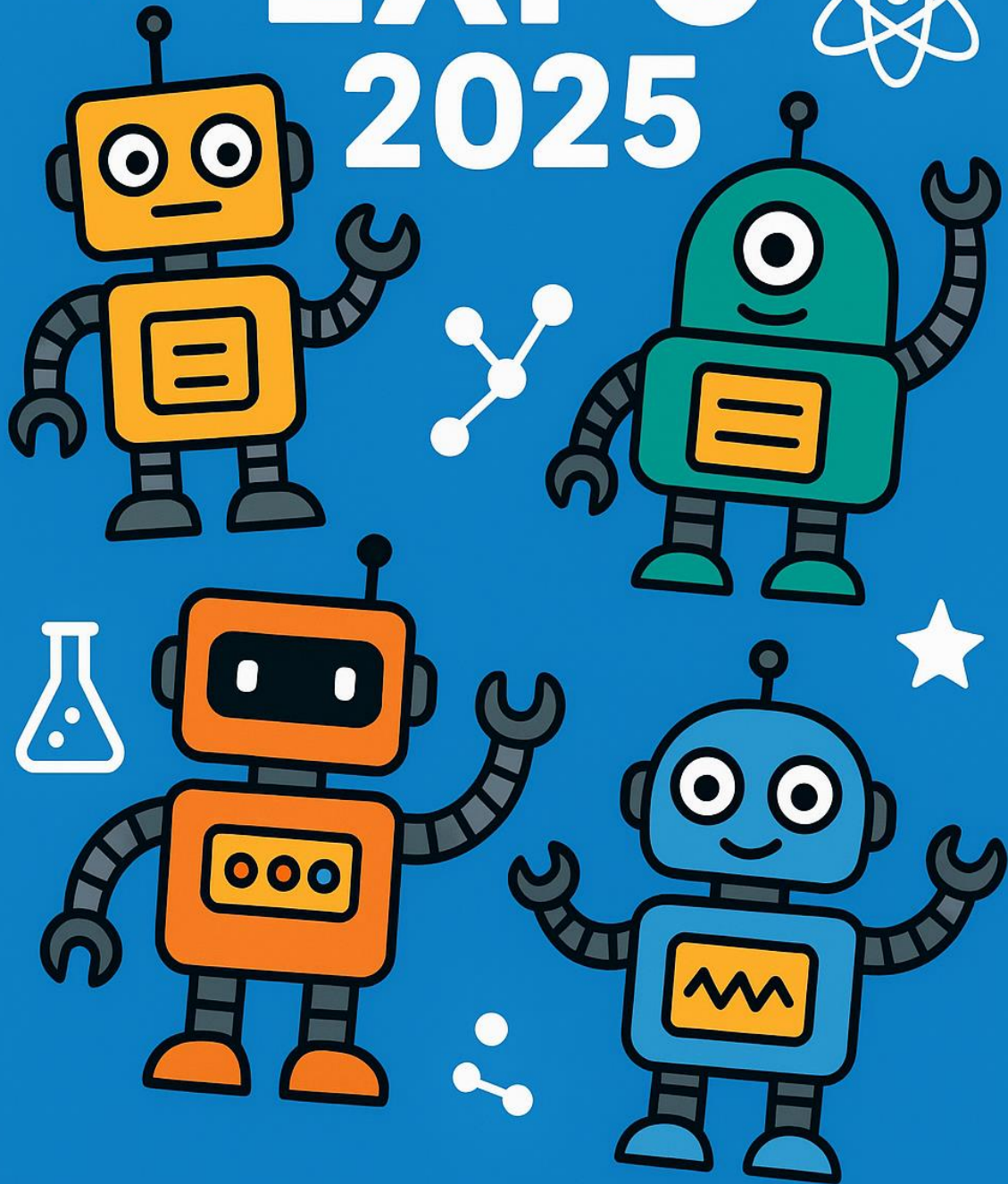
- **Type:** Instructional — Educational Explanation (Simplified)
  - **Why:** It asks for a plain-language explanation tailored to a very young audience, emphasizing clarity, analogy, and simplicity.
3. “You are a UX designer. Suggest improvements to this app layout.”
- **Type:** Analytical/Consultative — Design Critique with Role Prompt
  - **Why:** It frames the assistant as an expert (“You are a UX designer”) and seeks actionable recommendations on a (likely visual) artifact. Output is a critique/checklist, not an image.

## **Task 2: Refinement Practice**

### **Here’s the refinement for each vague prompt:**

1. **Original:** “Draw a house.”  
**Refined:** “Create a detailed illustration of a two-story modern house with large glass windows, a red front door, and a garden filled with sunflowers, set during sunset.”
2. **Original:** “Write a story.”  
**Refined:** “Write a 500-word short story set in a futuristic city where robots and humans live together, focusing on a young inventor who discovers a hidden AI with feelings.”
3. **Original:** “Make a video.”  
**Refined:** “Produce a 1-minute promotional video for a coffee shop, featuring slow-motion shots of coffee being poured, close-ups of latte art, and upbeat background music.”

# SCIENCE EXPO 2025



### **Task 3: Prompt Design Exercise**

**Here's a set of 5 original prompts across different domains:**

**1. ChatGPT (text-based)**

*Prompt:* "Write a motivational letter from a time-traveling scientist in the year 3025 to today's youth, inspiring them to protect the environment."

**2. DALL·E (image-based)**

*Prompt:* "Create a hyper-realistic illustration of a futuristic floating city with solar sails, glowing gardens, and flying electric taxis at sunset."

**3. SORA (video-based)**

*Prompt:* "Generate a 15-second cinematic video showing a dragon flying over a medieval castle, with fire illuminating the night sky and villagers watching in awe."

**4. Coding or Logic**

*Prompt:* "Write a Python program that simulates an online voting system, allowing users to register, cast votes, and display live results in a bar chart."

**5. Education or Training**

*Prompt:* "Design a 30-minute interactive training module for beginners to learn

basic cybersecurity practices, including password security, phishing awareness, and safe browsing habits.”



