

Assignment - 6

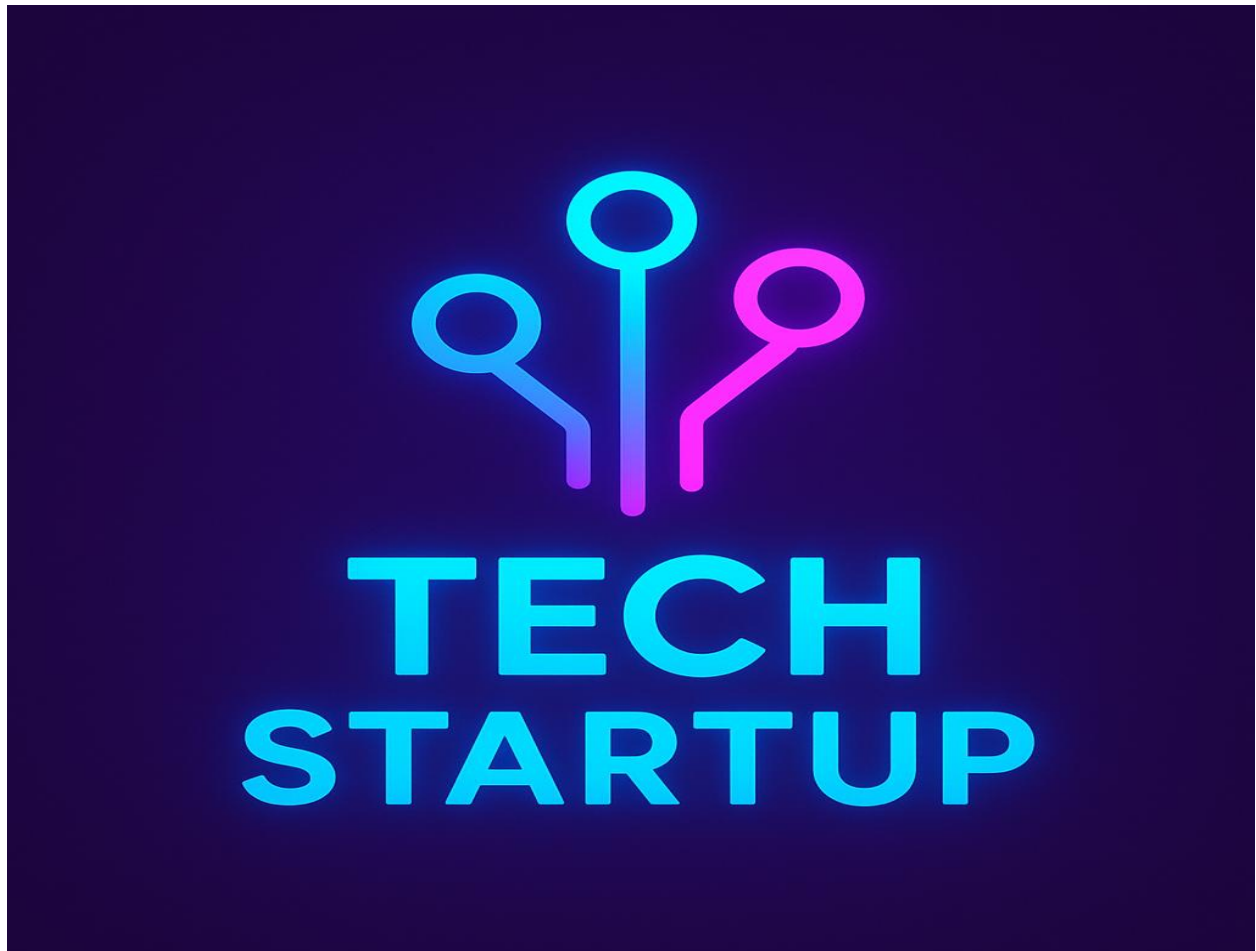
TASK - 1

1. 'Generate a logo for a tech startup using neon colors.'

Type: Visual Prompt

Reasoning:

- This prompt asks for the creation of an image (a logo) rather than a text-based explanation.
- It provides design instructions (neon colors, tech theme) for a visual output, so it fits under visual or creative generation prompts (like those used with DALL·E or image models).



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

Type: Instructional / Explanatory Prompt

Reasoning:

- This prompt requests a simplified explanation of a complex concept.
- The goal is education and clarity, instructing the AI to teach or explain something in simple terms.

3. “You are a UX designer. Suggest improvements to this app layout.”

Type: Conversational / Role-based Prompt

Reasoning:

- The prompt begins with “You are a UX designer”, assigning the AI a specific role or persona.
- It encourages a professional, context-aware response as part of a conversation or consultation, making it a conversational or role-based design prompt.

TASK - 2

Original: "Draw a tree."

Refined: Design a magical autumn scene featuring a grand oak tree with glowing golden-orange leaves falling like tiny sparks under a brilliant blue sky. Add a gentle ethereal light and soft mist around the roots to create an enchanted, dreamlike atmosphere.



TASK - 3

1. For ChatGPT (Text-based)

Prompt: "You are a motivational coach. Write a 200-word inspiring speech for college students about overcoming failures and building resilience, with 3 practical tips they can apply in daily life."

Dear students,

Failure is not a sign of weakness—it is proof that you dared to try. Every stumble, rejection, or mistake is simply life's way of teaching you something new. Think about the most successful people in the world; none of them reached greatness without setbacks. What made them unstoppable was not perfection, but resilience—the ability to rise again, stronger and wiser each time. Remember, falling is temporary, but quitting makes it permanent.

Resilience is like a muscle: the more you practice, the stronger it becomes. It is built through persistence, courage, and a positive mindset, even when the path feels uncertain.

Here are three practical tips you can apply daily:

1. Reframe failure—instead of saying "I failed," say "I learned." This shifts your mindset from defeat to growth.
2. Take small, consistent steps—big dreams are achieved by steady progress, not overnight success.
3. Practice gratitude—focus on what is working, not just what went wrong. Gratitude fuels hope and keeps your energy positive.

So, the next time you face failure, don't see it as the end. See it as a stepping stone. You are capable, resilient, and destined for greatness. Keep rising!

2. For DALL·E (Image-based)

Prompt: "Create a breathtaking digital illustration of an ancient temple perched atop misty mountains at sunrise. Golden light filters through drifting clouds, illuminating red torii gates and cascading waterfalls. The atmosphere feels serene and spiritual, with cherry blossoms floating through the air."



3. For SORA (Video-based)

Prompt: "Generate a 15-second animated video showing the process of photosynthesis: first the sun shining on a green leaf, then water droplets entering through the roots, and finally oxygen bubbles being released into the air with cheerful background music. "

Storyboard (15 seconds)

0–5 seconds:

- Sun rises in the background, rays shine onto a large green leaf.
- Text overlay: "Sunlight is the energy source. "

5–10 seconds:

- Show water droplets traveling underground, moving into the roots of a plant.
- Text overlay: "Water enters through the roots."

10–15 seconds:

- Leaf glows, and oxygen bubbles float upward into the sky.
- Add happy background music + text overlay: "Photosynthesis creates oxygen for life!"

4. For Coding or Logic

Prompt: "Write a Python program to find the given number is even or odd"

```
num = int(input("Enter a number: "))
```

```
if num % 2 == 0:
```

```
    print(f"{num} is Even")
```

```
else:
```

```
    print(f"{num} is Odd")
```

5. For Education or Training

Prompt: "You are an science teacher. Create a short interactive quiz (5 questions) for beginners to practice multiple-choice answers and explanations for each question."

1. What planet is known as the Red Planet?

- a) Earth
- b) Mars
- c) Venus
- d) Jupiter

Explanation: Mars looks red because of the iron oxide (rust) on its surface.

2. What is H₂O commonly known as?

- a) Hydrogen
- b) Water
- c) Oxygen
- d) Salt

Explanation: H₂O is the chemical formula for water — two hydrogen atoms and one oxygen atom.

3. Which part of the plant makes food?

- a) Root
- b) Stem
- c) Leaf
- d) Flower

Explanation: Leaves make food through photosynthesis using sunlight, water, and carbon dioxide.

4. What gas do humans need to breathe?

- a) Carbon dioxide
- b) Oxygen
- c) Nitrogen
- d) Hydrogen

Explanation: Humans inhale oxygen, which is vital for the body's energy production.

5. What force pulls objects toward Earth?

- a) Magnetism
- b) Gravity
- c) Friction
- d) Air pressure

Explanation: Gravity is the force that attracts objects toward the center of the Earth.

