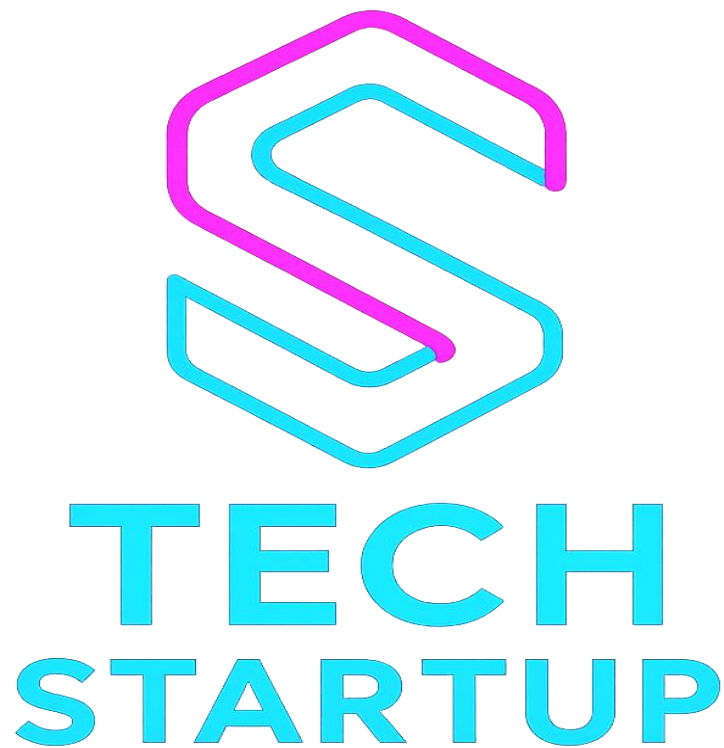


Assignment - 6

TASK - 1

1. **Prompt:** *"Generate a logo for a tech startup using neon colors."*

- **Category: Visual Prompt**
- **Reasoning:** This prompt is directing an AI image generator (like DALL·E or MidJourney) to create a *visual output*. It specifies what to design (logo), the context (tech startup), and the style (neon colors).



2. Prompt:

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

- **Category: Conversational Prompt**
- **Reasoning:** This prompt asks the AI to give an explanation in *simple, age-appropriate language*. It is conversational because the AI is directly interacting like a teacher/student or helper.

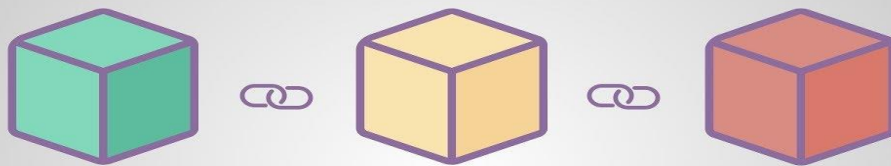
Imagine you and your friends are playing a game where everyone writes down the scores on a notebook.

- Every time someone scores, you **write it on the next page**.
- Nobody can erase what's already written.
- Everyone has a copy of the notebook, so no one can cheat.

That notebook is like a **blockchain**.

- Each page = a **block**.
- The whole notebook = the **chain**.
- Since everyone can see the notebook, it stays honest and fair.

In short: **Blockchain is like a shared notebook that everyone can trust, where you can keep records safely, and no one can secretly change them.**



Blockchain

— *Simply explained* —

3. Prompt:

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

- **Category: Instructional Prompt** (*with Role-based framing*)
- **Reasoning:** This gives the AI a *specific role* (UX designer) and asks for *actionable suggestions*. It falls under **Instructional Prompts**, but it also uses the **role-based technique** to guide the AI's response.

Example of AI's possible suggestions:

- Simplify navigation with clear icons and fewer menu items.
- Use consistent colors and typography for readability.
- Increase button sizes for easier tapping on mobile.
- Add tooltips or hints to guide new users.
- Ensure contrast for accessibility (light text on dark background).

TASK - 2

Original: "Draw a tree."

Refined: "Generate a digital illustration of a large oak tree in autumn, with golden-orange leaves falling, under a bright blue sky."



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 futuristic city skyline at sunset, with flying cars, glass skyscrapers, and glowing neon signs in cyberpunk style."



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"*

```
# Program to check whether a number is even or odd
```

```
# Take input from user
```

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

```
# Check condition
```

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

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

```
else:
```

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


5. For Education or Training

Prompt: *"You are an English teacher. Create a short interactive quiz (5 questions) for beginners to practice present tense verbs, including multiple-choice answers and explanations for each question."*

Q1. She ____ to school every day.

- a) go
- b) goes
- c) going
- d) gone

Q2. I ____ football on Sundays.

- a) play
- b) plays
- c) playing
- d) played

Q3. They ____ coffee in the morning.

- a) drinks
- b) drink
- c) drinking
- d) drank

Q4. My mother ____ very well.

- a) cook
- b) cooks
- c) cooking
- d) cooked

Q5. We ____ in India.

- a) lives
- b) live
- c) living
- d) lived