

## Task: Generate a poem about the sky.

### Technique 1 (Standard Prompting):

"Write a poem about the sky."

#### Output from Technique 1:

"The sky so vast, so blue and wide,  
With clouds that float on winds that glide.  
A canvas bright of sun and light,  
That turns to dark in endless night."

### Technique 2 (Chain of Thought Prompting):

"Write a poem about the sky. First, describe its appearance during the day. Then, describe how it changes at night. Finally, reflect on the emotions the sky evokes."

#### Output from Technique 2:

"The sky above, so clear and bright,  
A canvas painted with daylight.  
With gentle clouds that drift and roam,  
It feels like peace, a place called home.

When dusk arrives, the stars ignite,  
The moon emerges in soft light.  
A velvet sky, both calm and deep,  
A place where dreams and secrets sleep.

The sky reminds me, in its grace,  
That time is fleeting, no time to waste.  
It whispers softly, calls my name,  
A constant source of hope and flame."

### Technique 3 (Few-Shot Learning):

"Here are two examples of poems about nature:

1. The river flows, so smooth and clear,  
A melody that calms the ear.  
Its waters glide with gentle ease,  
A dance among the forest trees.
  2. The wind does blow, so wild and free,  
It whispers through the tallest tree.  
With every gust, it speaks of change,  
A force both kind and often strange.
- Now, write a poem about the sky."

**Output:**

"The sky above, so soft and wide,  
A canvas where the clouds reside.  
It shifts from blue to hues of gold,  
A story in each change it holds.

At night, the stars begin to gleam,  
A sea of light, a midnight dream.  
The sky, so vast, both near and far,  
A mirror to the moon and stars."

**Technique 4 (Role Play):**

"Act as a famous poet from the Romantic era and write a poem about the sky."

**Output from Technique 4:**

"Oh sky, thou art the heart of day,  
Thy golden light doth chase away  
The shadows dark, the night's embrace,  
Thou givest light, thou givest grace.

At dusk, when darkness wraps the land,  
Thy stars do rise at thy command.  
In thee, I see eternity,  
Thy changing hues, a mystery."

**Comparing results:**

- **Standard Prompting:** Produced a simple and direct poem, focused mainly on the basic description of the sky with little exploration of deeper meaning.
- **Chain of Thought Prompting:** Created a more structured and emotionally resonant poem, with distinct parts exploring the sky's daily appearance, nighttime transformation, and the emotions it stirs.
- **Few-Shot Learning:** Followed the examples' style and tone, producing a poem with a smooth flow and vivid imagery, in line with the previous nature poems.
- **Role Play:** Adopted a Romantic-era tone, using elegant and somewhat archaic language, highlighting the awe and mystery the sky evokes, fitting the era's poetic style.