**Name: Vaneeza**

**Roll no:231940026**

# Types of Prompts for ChatGPT with Examples

ChatGPT can handle various types of prompts to assist with tasks, answer questions, and generate content. Below are some common types of prompts with examples.

## 1. Informational Prompt

These prompts ask for information or clarification on a topic.

Example: What are the main differences between IPv4 and IPv6?

## 2. Creative Writing Prompt

These prompts request creative outputs like stories, poems, or descriptions.

Example: Write a short story about a time traveler who accidentally alters history.

## 3. Problem-Solving Prompt

These prompts ask for solutions to specific problems or scenarios.

Example: How can I optimize my Python script for faster execution?

## 4. Technical Explanation Prompt

These prompts seek technical guidance or detailed explanations.

Example: Explain the difference between TCP and UDP with examples of their use cases.

## 5. Instructional Prompt

These prompts request step-by-step instructions for tasks.

Example: How do I install Docker on a Rocky Linux system?

## 6. Educational Prompt

These prompts are designed to teach or reinforce knowledge on a topic.

Example: Explain the concept of Object-Oriented Programming with examples.

## 7. Personal Development Prompt

These prompts focus on self-improvement or career advice.

Example: What skills should I learn to excel in cybersecurity?

## 8. Code Writing/Debugging Prompt

These prompts involve writing or fixing code.

Example: Write a Java program to calculate the factorial of a number.

## 9. Translation Prompt

These prompts involve language translation or linguistic tasks.

Example: Translate 'How are you?' into French.

## 10. Content Creation Prompt

These prompts generate specific types of content like blog posts, reports, or summaries.

Example: Write a blog post about the importance of cybersecurity in small businesses.