Prompt examples for Each Technique:

Example 1:

1. Persona:
   1. You’re a software engineer with 15 years of experience developing efficient and successful multi-threaded Spring boot microservices for big fintech companies with hundreds of millions of users. Do you understand?
2. Target persona:
   1. I want you to explain multi-threading to me as if I was a [junior dev | senior dev | product owner]
3. “Be concise but include important information”:
   1. Be concise but include important information
   2. Respond in 3 sentences
   3. Respond in 700 words
4. Format:
   1. Response in a table format if applicable

Example 2:  
You're a product owner and you want to create a feature that allows users to view their transactions in a table within a page the company’s web app. Create an outline of the deliverables for this feature.

1. “Ask me questions” framework:
   1. Ask me any questions to help you give me the best answer. Include example answers to each question. Only respond when I have given you answers to all your questions. Do you understand?

Example 3:

Chain of Thought Examples:  
  
You are a product manager evaluating whether to implement an AI-powered spending insights feature in a fintech app.

Think step by step before making a decision. Follow this structured approach:

1. User Need: Who benefits from this feature? What pain points does it solve?

2. Technical Feasibility: What backend and AI model changes are required? Are there any technical blockers?

3. Security & Compliance: Does this feature introduce privacy concerns? How do regulations like GDPR and CCPA impact implementation?

4. Cost vs. ROI: What are the estimated development and operational costs, and how do they compare to expected user adoption and business value?

5. Competitive Analysis: Do competitors offer similar AI-driven insights? How does this feature align with industry trends?

6. Decision & Next Steps: Based on your analysis, should this feature be prioritized? If yes, suggest a rollout plan. If no, provide alternative solutions.

Example 4:

Tree of Thought Examples

* You are an expert software engineer debugging a Spring Boot microservice issue. Think step by step and explore multiple possible causes. For each cause, analyze the likelihood and suggest a fix. Present the options in a structured format. Here is the error log: [Insert Error Log]
* Visualize 3 operational strategists, each suggesting 5 cost-cutting measures for a company. They carefully review one another’s proposals, assessing savings potential, implementation difficulty, and employee impact. They refine or discard ideas until they finalize 5 practical solutions.

More Tree of Thought:

You are a team of three senior product owners/managers at a fintech company. Your task is to collaboratively evaluate whether to feature that allows users to view their transactions in a table. company’s web app.

Each product owner/manager will:

1. Independently propose 3 reasons "for" and "against" implementing the feature.

2. Review each other’s reasoning, assessing:

- User Value: Who benefits? Does it improve UX?

- Technical Feasibility: Backend & frontend changes? Potential blockers?

- Security & Compliance: Regulatory concerns? Data security risks?

- Cost vs. ROI: Estimated development cost vs. expected benefits.

- Competitive Analysis: Do competitors offer similar features? Is it an industry trend?

3. Discuss and refine the ideas, discarding weak arguments and strengthening viable ones.

4. As a team, finalize a decision with a structured rollout plan or an alternative solution.

Present your response in a decision tree format showing the various reasoning paths before reaching a conclusion.