Reading Research on Encryption

Objective:
To enhance your understanding of encryption by engaging with contemporary research papers, analyzing methodologies, and applying concepts to real-world scenarios.

Task Overview:
You are required to read **four recent research papers** focused on encryption, published between **2020 and the present**. After completing your readings, you will perform a series of tasks designed to deepen your comprehension and facilitate discussion.

Required Tasks:

1. **Summarization of Research Papers:**
   For each of the four papers, write a concise summary (maximum 300 words). Your summary should include:
   - The **research objective** or question.
   - The **methodology** employed by the authors.
   - The **key findings** and contributions to the field of encryption.
2. **Comparative Analysis:**
   Conduct a comparative analysis of the four papers. Focus on:
   - The different **methods and techniques** used in encryption.
   - Any **similarities and differences** in findings or approaches.
   - Insights gained from comparing the various studies.
3. **Application of Concepts:**
   Select one concept or technique from any of the papers and provide a practical example that illustrates its application. Discuss:
   - How this concept can be implemented in **real-world scenarios**.
   - Potential benefits and challenges associated with its application.
4. **Presentation Preparation:**
   Prepare a professional presentation (10 minutes) summarizing your findings and insights from the readings. Your presentation should include:
   - Key points from each paper.
   - A discussion of the comparative analysis.
   - The practical example you provided.
   - A concluding section that highlights the relevance of encryption in today's digital landscape.

Submission Guidelines:

- Ensure all summaries and analyses are well-organized and clearly articulated.
- Cite all references appropriately using your chosen citation style.

Deadline:

Please submit your summaries by [5-2-2025]. The presentations will take place during the following class session.