Assignment 12

1. Describe the principles of data acquisition in computer hardware through physical distribution systems.

2. Explain the concept of data transmission and its importance in computer networks.

3. Discuss the role of data conversion in computer systems and its impact on data integrity.

4. Analyze the significance of data compression techniques in reducing storage space and transmission time.

5. Evaluate the effectiveness of data encryption methods in securing data during transmission.

6. Critical issues in computer hardware and software will be presented for analysis.

7. Format:
   - 1-2 paragraphs
   - Use at least 3 sources
   - Include tables, figures, or diagrams if applicable

8. Submit by 3/15/2023

9. Assignment 12 Due:
   - Written report
   - Online submission

10. Instructor: [Instructor's Name]
    - Office hours: [Office hours]
    - Email: [Instructor's Email]

11. Course objectives:
    - Understand the principles of data acquisition and transmission
    - Analyze the impact of data conversion and compression on computer systems
    - Evaluate the role of data encryption in securing data

12. Key terms:
    - Data acquisition
    - Data transmission
    - Data conversion
    - Data compression
    - Data encryption

13. References:
    - [Source 1]
    - [Source 2]
    - [Source 3]