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Module Two

Learning Objectives

By the end of this module, you will meet these learning objectives:

- Use classical cryptographic techniques to solve complex encryption and decryption problems
- Apply probability, statistics, and algorithms to analyze the security of historical ciphers and assess vulnerability
- Summarize key classical cryptographic techniques and their applications in securing information
- Apply principles of number theory, including primes, factorization, Euclidean algorithm, and Fermat's little theorem to cryptographic scenarios