

# CE100 Algorithms and Programming II

## Week-12 (Hashing and Encryption)

Spring Semester, 2021-2022

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# Hashing and Encryption

## Outline

- Crypto++ Library Usage
- Hashing and Encryption
- Integrity Control
- Hash Values

- Cryptographic Hash Functions
- SHA-1
- SHA-256
- SHA-512

- Checksums
- MD5
- CRC32

- Hash Algorithms
- SHA-1
- SHA-256
- SHA-512
- H-MAC

# References

TODO