CE100 Algorithms and Programming II

Week-12 (Hashing and Encryption)

Spring Semester, 2021-2022

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<iframe width=700, height=500 frameBorder=0 src="../ce100-week-12-crypto.md_slide.html"></iframe>

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