

CE100 Algorithms and Programming II

Symmetric and Asymmetric Encryption

Author: Asst. Prof. Dr. Uğur CORUH

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0.1 CE100 Algorithms and Programming II

0.2 Week-13 (Symmetric and Asymmetric Encryption)

0.2.0.1 Spring Semester, 2021-2022 Download DOC¹, SLIDE², PPTX³

0.3 Symmetric and Asymmetric Encryption

0.4 Outline

- Symmetric Encryption Algorithms
 - AES
 - <https://formaestudio.com/portfolio/aes-animation/>
 - DES
 - <http://desalgorithm.yolasite.com/>
 - TDES
 - https://en.wikipedia.org/wiki/Triple_DES
-
- Symmetric Encryption Modes
 - https://en.wikipedia.org/wiki/Block_cipher_mode_of_operation
 - ECB
 - CBC
 - Asymmetric Encryption
 - Key Pairs (Public-Private Key Pairs)
 - Signature Generation and Validation
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¹ce100-week-13-symenc.en.md_doc.pdf

²ce100-week-13-symenc.en.md_slide.pdf

³ce100-week-13-symenc.en.md_slide.pptx

0.5 References

TODO