

Introduction to List and its Operations

Unit 5: Dictionary, List, Set, String and Tuple

Lecture 35: Introduction to List and its Operations

Agenda

- List definition
- Mutability
- List Memory Mapping
- Basic Operations

Deep Dive: List definition

Understanding the core mechanics of List definition.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: Mutability

Understanding the core mechanics of Mutability.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: List Memory Mapping

Understanding the core mechanics of List Memory Mapping.
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Deep Dive: Basic Operations

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Summary

- Review of key concepts.
- Best practices and Pythonic idioms.
- Common pitfalls avoided.

Next Lecture Preview

Next up: List Methods and Built-in Functions
- Preparation reading recommended.