

List Methods and Built-in Functions

Unit 5: Dictionary, List, Set, String and Tuple
Lecture 36: List Methods and Built-in Functions

Agenda

- append vs extend
- insert, pop, remove
- sort, reverse
- List comprehensions intro

Deep Dive: append vs extend

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

Deep Dive: insert, pop, remove

Understanding the core mechanics of insert, pop, remove.
Memory complexity and time complexity considerations.
Common edge cases in Python.

Deep Dive: sort, reverse

Understanding the core mechanics of sort, reverse.
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Deep Dive: List comprehensions intro

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Summary

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

Next Lecture Preview

Next up: Set Built-in Functions: Create a Set, Accessing Python Sets
- Preparation reading recommended.