Python Tuple Operations, Functions and Methods

Unit 5: Dictionary, List, Set, String and Tuple
Lecture 42: Python Tuple Operations, Functions and Methods

Agenda

- count and index
- Concatenation
- Functions as tuple returners
- Tuple comprehensions (generators)

Deep Dive: count and index

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

Deep Dive: Concatenation

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Deep Dive: Functions as tuple returners

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Deep Dive: Tuple comprehensions (generators)

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Summary

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

Next Lecture Preview

Next up: Dictionary Built-in Functions: Creating Dictionary, Accessing Items

- Preparation reading recommended.