

Introduction to String, String Operations

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

Lecture 32: Introduction to String, String Operations

Agenda

- String definition
- Immutability
- Concatenation
- Repetition
- Membership

Deep Dive: String definition

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

Deep Dive: Immutability

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

Deep Dive: Concatenation

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

Deep Dive: Repetition

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

Deep Dive: Membership

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

Deep Dive: String definition

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

Deep Dive: Immutability

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

Deep Dive: Concatenation

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

Summary

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

Next Lecture Preview

Next up: Traversing a String
- Preparation reading recommended.