

7 Lecture - CS401

Important Subjective

1. **What is string processing?**

Answer: String processing refers to the manipulation, modification, and analysis of textual data in computer programming.

What is a string data type?

Answer: A string data type is used to represent text or characters in programming languages.

How do you concatenate two strings in Python?

Answer: You can use the `join()` function or the `+` operator to concatenate two strings in Python.

What is the substring in a string?

Answer: A substring is a sequence of characters that is contained within a longer string.

How do you find the length of a string in Java?

Answer: You can use the `length()` function to find the length of a string in Java.

What is a regular expression?

Answer: A regular expression is a sequence of characters that define a search pattern for text data.

How do you search for a substring within a string in JavaScript?

Answer: You can use the `indexOf()` or `search()` function to search for a substring within a string in JavaScript.

What is string parsing?

Answer: String parsing refers to the process of extracting meaningful information from text data.

What is string formatting?

Answer: String formatting refers to the process of creating formatted output from text data, including adding variables or special characters.

How do you replace a substring with another string in Python?

Answer: You can use the `replace()` function to replace a substring with another string in Python.