# 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.