# 24 Lecture - CS304

## **Important Subjective**

#### 1. What is a modified default constructor?

Answer: A modified default constructor is a default constructor that has been customized to initialize the class data members to specific values.

#### How is a modified default constructor defined?

Answer: A modified default constructor is defined using the syntax ClassName::ClassName() { // code to initialize data members }

## Can a modified default constructor take arguments?

Answer: No, a modified default constructor takes no arguments.

## What is the purpose of a default constructor?

Answer: The purpose of a default constructor is to create an object of the class with default values for its data members.

### What happens if a modified default constructor is not defined for a class?

Answer: If a modified default constructor is not defined for a class, the compiler will provide a default constructor that initializes the class data members to default values.

#### Can a modified default constructor be overloaded?

Answer: Yes, a modified default constructor can be overloaded to take different arguments or initialize data members in different ways.

#### What is the difference between a default constructor and a modified default constructor?

Answer: A default constructor initializes the class data members to default values, while a modified default constructor initializes them to specific values.

#### Can a class have multiple constructors?

Answer: Yes, a class can have multiple constructors, including default constructors, copy constructors, and others.

#### What is the syntax for calling a modified default constructor?

Answer: To call a modified default constructor, simply create an object of the class using the default constructor syntax: ClassName obj;

### When is a default constructor provided by the compiler?

Answer: A default constructor is provided by the compiler when no other constructors are defined for the class.