

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.