

33 Lecture - CS304

Important Mcqs

1. What are multiple type arguments?

- a) A type of argument that can only be used with a specific data type
- b) The ability to define multiple data types for use with a generic class or function
- c) A type of argument that is only used in functional programming

Answer: b

Which programming languages support multiple type arguments?

- a) C++
- b) Java
- c) Python
- d) All of the above

Answer: d

What is the advantage of using multiple type arguments?

- a) Increased flexibility in the use of generic programming
- b) Reduced code complexity
- c) Improved code efficiency

Answer: a

Which keyword is used to define multiple type arguments in Java?

- a) class
- b) template
- c) < >

Answer: c

Which programming paradigm uses multiple type arguments extensively?

- a) Object-oriented programming
- b) Functional programming
- c) Imperative programming

Answer: a

Can multiple type arguments be used with functions in C++?

- a) Yes
- b) No

Answer: a

What is the syntax for defining multiple type arguments in C++?

- a) template<typename T, U>
- b) template<class T, class U>
- c) template<class T, U>

Answer: b

What is the default type argument in Java?

- a) Object

- b) Integer
- c) Double

Answer: a

How many type arguments can be defined for a generic class in C++?

- a) One
- b) Two
- c) Any number

Answer: c

What is the difference between single type arguments and multiple type arguments?

- a) Single type arguments can only be used with one data type, while multiple type arguments can be used with multiple data types
- b) Single type arguments are used in functional programming, while multiple type arguments are used in object-oriented programming
- c) There is no difference between single type arguments and multiple type arguments

Answer: a