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

Ánswer: 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 <mark>Answer: a</mark>

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