

1) What oops means?

→ Object-oriented programming (OOP) is a style of programming characterized by the identification of classes of objects, closely linked with the methods (function) with which they are associated. It also includes ideas of a.t.

2) What is polymorphism? explain types?

→ Polymorphism is the ability to process object differently on the basis of their class and datatype. Two types: (i) compile time polymorphism.

(ii) run time polymorphism.

3) What is interface and example in Selenium Java?

→ WebDriver is an interface and we are defining a reference variable (driver) whose type is an interface. Now any object we assign to it must be an instance of a class that implements the interface.

4) What is abstract class and examples?

→ Abstract classes are essential to providing an abstraction to the code to make it reusable and extendable. For ex. a vehicle parent class with Trucks and motorbike. Inheriting from it is an abstraction that easily allows more vehicles to be added.



5) Difference b/w multiple inheritance and multilevel inheritance?

→ The key diff b/w multiple & multilevel inheritance is that multiple inheritance is when a class inherits from many base classes while multilevel inheritance is when a class inherits from a derived class making that derived class a base class for a new class.

6) Is multiple inheritance possible in Java?

→ When one class extends more than one classes then this is called multiple inheritance.

(For ex): class C extends class A and B then this type of inheritance is known as multiple inheritance.

7) What is keyword for using inheritance?

→ use the extend keyword.

8) What is the keyword to connect interface and class?

→ implements keyword.



9) What is diff. b/w class and interface,

→ A class describes the attributes & behaviors of an object. An interface contains behaviors that a class implements. A class may contain abstract methods, concrete methods. An interface only abstract methods.

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10) What is diff. b/w class and abstract class?

→ Abstract class can have static fields and static methods, like other classes.

An abstract class cannot be declared as final. Only abstract class can have abstract methods.

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