Daily Questions - 3 I what is coops stands for?

* Object Oriented progreamming is a computer programming model that organizas software design avocend data or objects .

* procedural programming is about : writing procedures or methods that perform operations on the data, while object Oriented programming is about creating objects that contain both dara and methods.

Havantages

* oop is faster and easier to execute

* oop provides a closy structure for the

programs.

* oop helps to keep the Java and BRY Kont Repeat yourself! Makes code easie7 to maintain modify and Lebug.

* Lose code shoreter development time.

Test MF (GE), 1

2) what is polymorphism? many Horims In Java means that an Object can have many forems. Polymorphism in Java has two types. - Compile timo polymonphism Run timo polymonphism It is done at compile time. It is static and is implemented. through method overloading. method oversuding. 3 InterPale In Java is a bluepreint of a cla It has Staric constants and abstract methodo interiface name > ? fully fair holden and the Zachach powal set of a

To is a design stor

wobdriver is an Interfale

chrome Driver is a class that extends Remote Driver which implement Web Driver.

WebElement is an Interfale.

HABSTRACT Class

The abstract keyworld is a non access modifier wood for classes and Methods.

Abstract class:— is a restricted class that annot be used to voorte Objects.

(to access it It must be inherited from another class)

Abstract method: - can only be used in an abstract class, and it does not have a body, body is provided by the Subclass.

abstract class Animal ?

public abstract Void animalsound()

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hultiple and rultitoud Inhoritance Key difference b/w those two is that rulliple inheritance is when a class inherits from many base classes. While rultilevel inheritance is when a class inherits from a derived class Making that derived class a base class for a now dans parent P Basa Class. P. C. Derived Class C Dorived Class rentifical single level Inheritance Trutiple Inhereitance

Ly when one classi extenda more Than one classes then this is called mentiple Inheritanio. alss Centends clas A and B then this type of Inheritance is Known as that. Java does nt allow

Multiple Inheritance

1 Keyword wing for inheritance Extends (extends). Leyworld used. It indicates a class is inherited from another class. (public class & extends & 8 what is the keyword to connect Interitace Interface meest be implemented by another, class with implements keyword: - class ow implements Animal. Class Triorfaco Keyword is Create This Keywood is class 18 "Class" "Intersale" An interface cannot be A class can be Instatiated object cannot Instantiated objects of be occated. a class can be oceated Classes does not Interfall Supports Support multiplo muniple Inheritanco. Inherest ance It cannot be inherit It can be inherent a class another class

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