* SDF-II. Tutorial-12

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1. The Various Types ey Inhentance are -

(1) Single Inhemitance

In this type, a class is allowed to inharit from only one dats i.e. one sub class is inherited by one base class only.

Base class Derived class

Syntax:

class subclass_name! alless_mode base_class

{ // body of subclass

3;

(i) Multiple Inheritance

In this type, a class can inhurit from more than one classes i.e. one sub class is inhurited from more than one bare classes

(Base class) Class B Class C (Base class 2)

(Derived Class)

Syntax:

class subclass_name: alles_mode base_class!, access_mode base_class2,

11 body of subclass

More

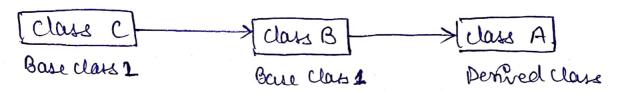
Here, no of base classes well be separated by comma (,) and access mode for every base class must be specified.

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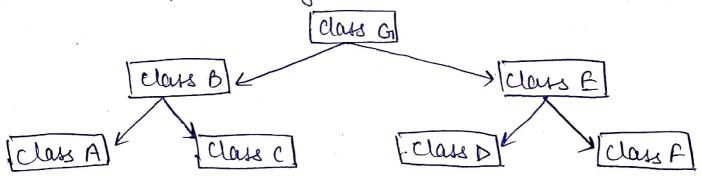
3. Multilevel Inhenitance

In this type, a durined class is weated from another durined class.



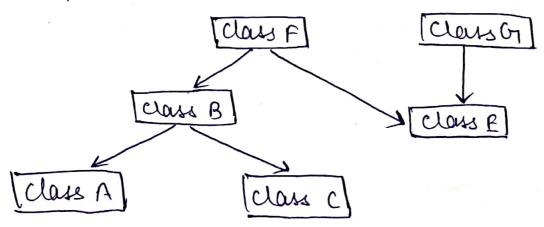
4. Hierarchial Inheritance

In this type, more than one sub class is inhauted from a single base class i.e. more than one durined class is weated from a single base class.



5. Hybrid (Virtual) Inheriteurce

It is implemented by combining more than one type of inhurbance. For example I combining Hierarchilal and routlight inhurtance.



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Answer-2 Protected

Answer-3 41

Answer-4 No, Base Class and its object do not have any fenowledge about any class durined from base class. Answer-5 Per, whenever we create durined class object default constructor is executed and then the durined class constructor.