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3 3-15 V3 6 C

1) Why copy constructor is required?

Con we overload constructor in C++?

Disseuss Discuss with the help of

example.

S:- when we create a new object

as a copy of an existing object

no other any constructor do this

task that why copy constructor is

required in cff.

A copy constructor is member function that initializes on object using another Object of the same I class. A copy constructor has, copy an object to pass it as an argument to a function and copy an object to return if form a function.

Syntax:- classingine (const classingine gobj)

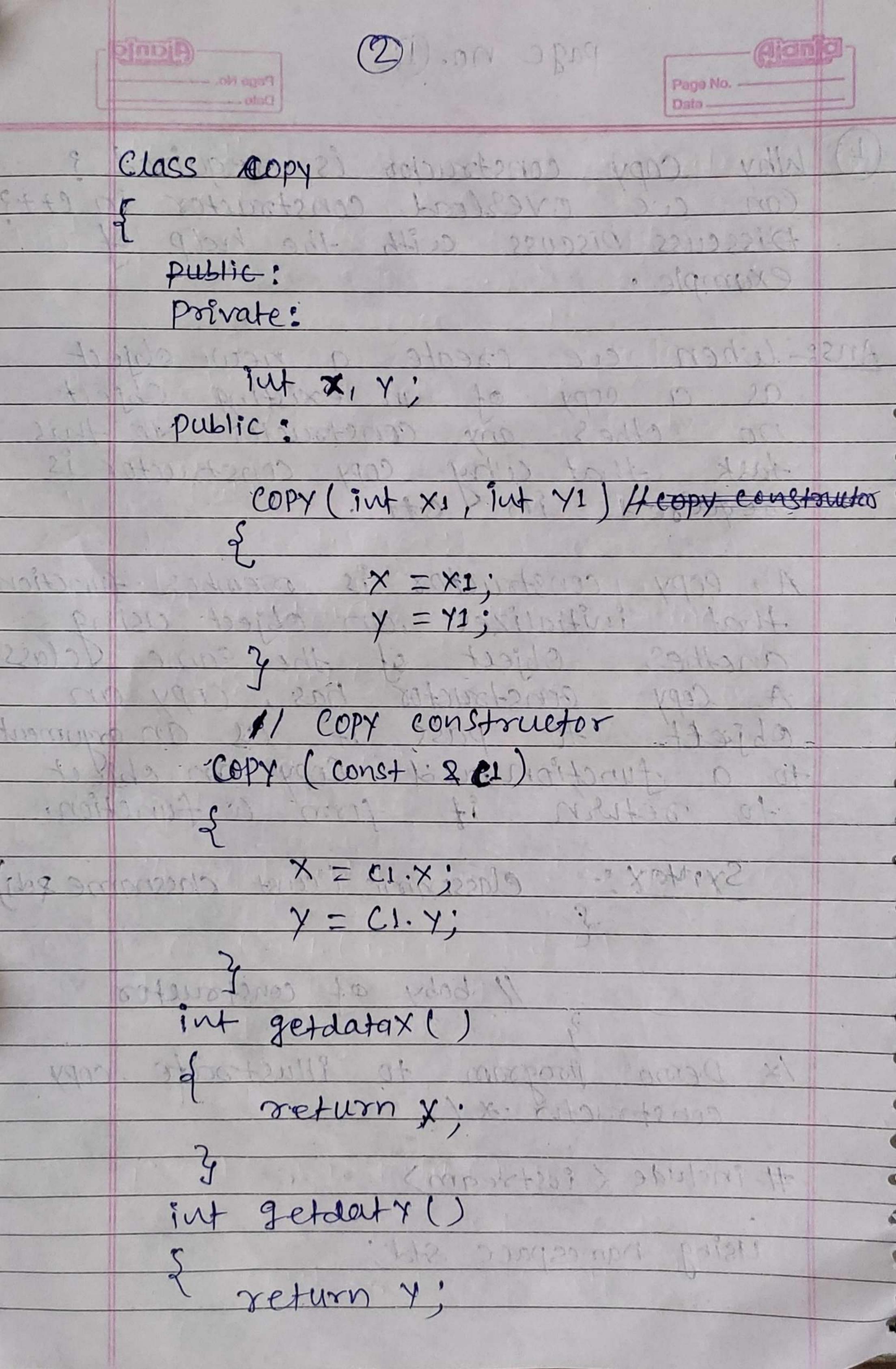
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V COUNTRY

1x Demo program to illustrate copy constructor x/

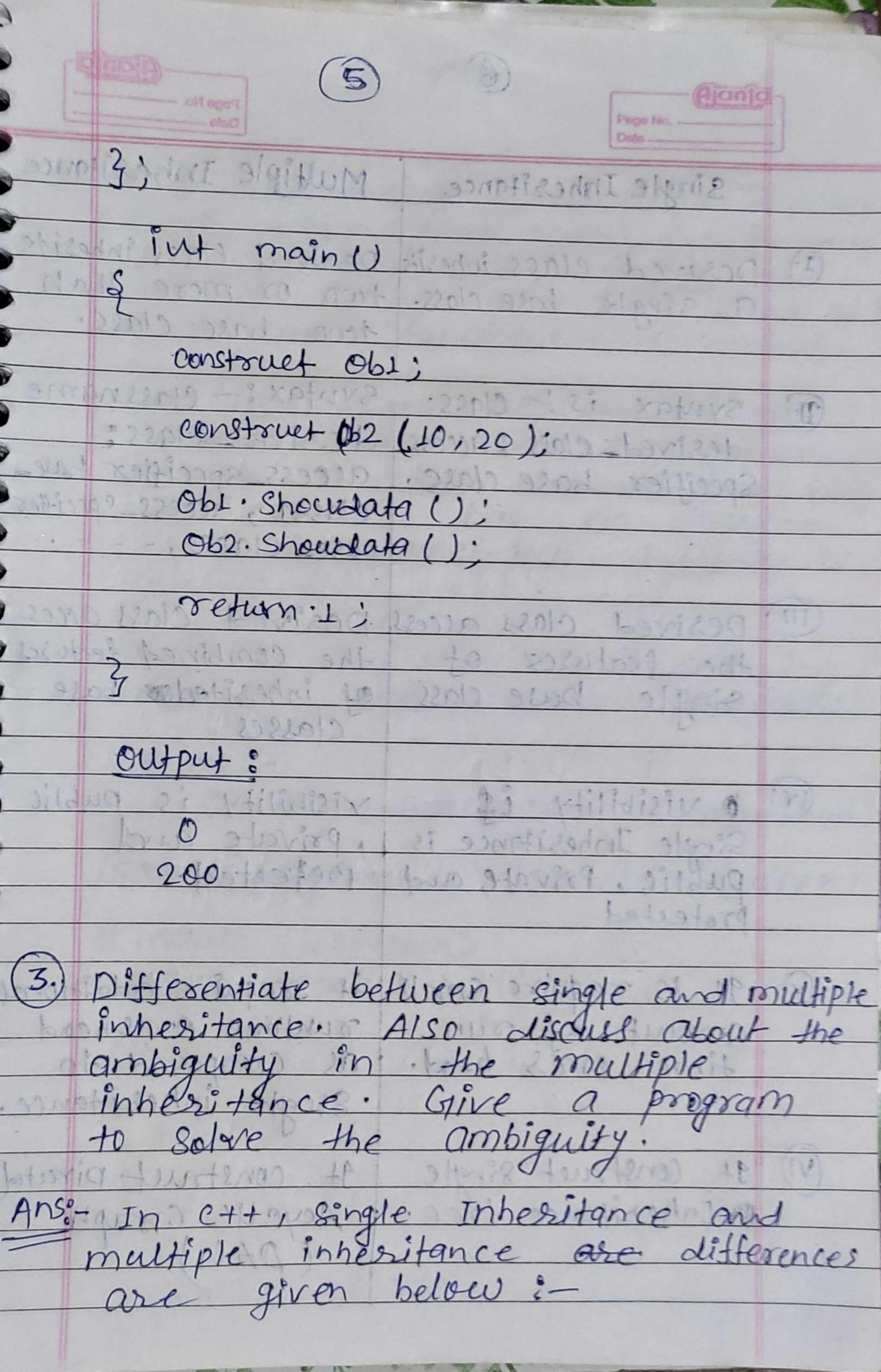
include (iostream)

Using namespace Stal;



Page No. * " prof 100 100 100 int min () DODGESONG PARTI Copy C1 (10, 15); // Normal Constructor is called COPY C2 = C1; // copy constructor is called Cout << "P.I.X = " << C1. getdatax() << ", BI.Y = " cout << "\nc2.x="<< c2.getdataxv << "c2.y=" () - VI CZ. getdatyU; return o; il contractor and two troposters output: denstrate (int a int b C1. X = 10, G1. Y = 15 C2,x = 10, C2,y = 15 In C++, we have more than one Constructor in a class with same

1x Demo program to illustrate construits
overloading *1 # include (iostream) Using namespace std; Class construct Public: = V.D. Hoat area; Il constructor with no parameter construet () 10000 area = 0; constructor with two pasqmeters Construct lint 9, int 6 21 T V.13 . 31 = 7.13 area = axbi, so 3 showderfa (). court a area & end);



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		Page No.
	Single Inheritance	Multiple Inhésitance
		1,000
(I)	Desived class inherits	Desired Place inhesits
	a single base class.	two or more than
		tous base class.
		(d3) + 2111 (f2/100)
(H)	Syntax is: - class.	
	desived_class: access	desived_class:
	Specifier base clase.	access specifies base
		classi, access_specifies
		base-classe,
(111)	Dosinal	
	Desived class access	Derived Class access
	the features of	the Combined features
	single bouse class	of inhesitades base
		Clauses
(12)	D visibility of	visibility is public
	Single Inheritance is	private and
	public, Private and	Properted.
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(0)	9+ 15 require small	it require additional
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1	& Inheritance tree.	Acyclic Croaph
MANY	Althor mis sampling	(PAG)
	-3 (11.01) and	1000 100

(F) Ambiguity comes in multiple inheritace cohen cue two call the function cuith desired class's Object the compiler can't figure out which of the two functions is meant. two base classes coith the same name, Cubile a class derived from both base classes has no function with this name then ambiguity is Ambiguity can be solved with the help of scope resolution operator (::). Syntax :-Objectname. Base Claus Name: Function Name () 1x Demo program to resolve ambiguityx1 #include (iostream) #indude & conjoin > 1 300 2000 class A void show () cout << " Class A";

