-

Oate. No.				D	ate. No.
# Inhesstance in C++	Zg ·.	Base class	: Animals	0.4	
→ Inheritance in C++ allows us to define a new class in terms of another existing class. → Inheritance has "15-A" relationship model.	12/1/19	name foodty)		
(x): Importance: i) reuseability of code ii) maintainability of code.	Derived class: Ma	sleep (1	Desire	l doss . Roptiles
→ Base class: The class from which the new class inherits data members and functions is called base class. parent class superclass.	no glimhs	listasinal	Period class: Bilds		veromoss Crawl
Derived class: The new class that is created inhesiting data member and functions from existing class is called derived class.	fan	torid toring,	beak type		hibernate-
X) Syntax! class derived_day_name: access specifies base-class.	and a second	64	3293\0	94	
Il data member and member functions	to take I	Letter	Age		avia 1942
<u></u>	Circum	9)	35	he had	the land

1		the same of the sa		The state of the s
I	(x)	Accessibility	10	Inheritance:
٠	-	The Park of the last of the la		
п	00000			

(a): Public Inheritance:

Acceptibility	private	pwicted	public variables.	
J	Variables	vana bies	Wind bid.	-
own class	yes	yes	yes	
derived class	้ทบ	'पृथ	'yes	
and derived dass	No	yes	yes.	

b) Protected Inheritance:

	×
public	
variables	Ī
,	
yes	
'yes	
yes	
	yes

(c) Private Inheritance.

House

	1.,				_
	Acceptability	private	protected	public	
	- Committee	variables	vonables	variables	
			A STATE OF THE STA		
	own class	yes	yes	yes	
	derived clau	no	yes	yes	
	and delived clau	no	NO	NO .	
ı				AND DESCRIPTION OF THE PARTY OF	

(x) Onles of Construction of Derived Class:

When we instantiate an instance of
Derived, first Base portion of Derived is
constructed using the Base default constructor.

Once base portion is finished, the
derived portion is constructed using derived
default constructor.

For inhesitance chain C++ always constructs the 'first' or "must cas have class first.

Eq: class A	Eq:	class F
-------------	-----	---------

-		AND REAL PROPERTY AND ADDRESS OF THE PARTY O
J	of public:	Dutput
	A() & std:: cout << "A\n"; 33;	Constructing A
	class B: public A	A
	& public:	anstructing B
	B() of std:1 cout << "B) n"; 33;	A
	dass C. public B	В
	V public:	Constructing C
	cc) (8td:: cout << "C/n"; 33	A
int	main 2	B
	std: coul << "Constructing A: \n"; ACA;	C
	std: cout << "Constructing B: \n"; BCB;	
	87d: wet « "Constructing C: \n"; Ccc,	, 3
	0	

Output:

Parent to Child clas.

