Themal Dased wrapping

ABSTRACTION

External Hide unnecessary & review ...

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Over viding Statict 90 Sta	depends on depend	objects:
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It is all done by DYNAMIC METHOD DISPATCH Check doring runtivne for a overriden method. 11.17.11 10.11 A a = new A(); noise Brown b. = new, B(); ... a.info() b. info () Olp: From A Olp: FromB I Heli I will digan II malindres Sullind Now, both have same methods.... A aa = new b() // compile time Success aq_info(); // compile time verifies LHS variables has Such method or not. Rontime it checks RHS, (object) has some method it overrides and prints. m ta rivada — Libina di di di Control of the second DIP : From B if nothing in B, It print's From A

nothing in A, it will be compile time error

Case-1

if

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		RPHISM				
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TYPES Moltiple Multi level Single level Not allowed In Java HAPRICA Hierarchy Not allowed in 2 . 0 S 100A Java

The transfer of the

Exp. No.	23-12.
	algislaM Maliki level signifi
$\overline{}$	sout (hi- sec) // error 2 - phase rade
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	can't access child at 'bottom' by parent
	at tob'.
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	e good into title i
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	A history Chic
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	B (X)
	only Parent of
	C if Superin G that class
	nott all class
	Parent (ie root).
	Super also Covers Same pattern.
	same patterin.
	V
1	\$ ·
	only access above
	not bellow
	(in other coord)
	Only parent not child.

why? here, the top is class A parent class, In perma only the class B ex class A top way can be accessed not the bottom Sprom See how the extend works, when creating object for child which extends 'porent' then it can acress parent But while the parent object Offly access 'powent' itself it can't access child. Not only here, lets see in object way hore, I can initialize A hij = new B (12); Parent via child -> But acress belongs to the parent and parent [Tt can access by only] cannot access childs over riding Vociable Polymorphism

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2)_	Phase get out and A mail
	Using Super You can modify the.
	Rosent victoiss in the said of section
	vi you was and
	class B extends A ?
	int Sec = 21;
	Abblic B (int JK) }.
	Super (JK);
	3
	3 Super(JK) will find.
	can hold this value
	In main and insort it there,
	J.
	B h = new B(11); calls parent-class constructs
	Sout (h.a); india borno de dinie int
	h. Info(); Desi terror as son vist
	. blino zasion (mos ii
	Olp
	h · · · · · · · · · · · · · · · · · · ·
	· Net cala here.
	Note: You can accession parent variable
97	50/119
	DIVICE OF THE SCOT
	via pareix:
	place po escape in the place only
	Page No.:

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in main with phase
  B b = new B();
    b. Info ();
 op:
    -1
    · · · · · · · · a = -1
Passing parameter - Only possible via
Parent class:
To pass by 2 in 2nd phase
_ child need supor _
A \alpha = \text{new} A C \text{ to });
Sout (a.a);
D. Info ();
                          Pass by Object
 OP: 10
       · · · · Q = 10
A. x = new. A (a.);
Sout (x.a);
x. Info()
09: 10
       .... 0 = 10
```

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	Void	info	() {				11 801	.4
	sout (" Info from parent a = " + a);							
i se	nd : uri 2.						7: :9	()
7.7	3 .0			31	: <u>5</u>			
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	40							
	10						-· :: 9	1
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				< 17		The second page.		

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00PS-3
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PRINCIPLES :-

API-E

Encapsulation Poly morphism In homitance Abstraction.

INHERITANCE :-

1) Inheriting the proporty of

a class.

#7 methods

Posent # class

class extends [Inhouits] parent child. Use or eat use or eat Those apple

uses those method. of parent

.x3

class parent {

void som () ?:
sout ("H;"); } }
class child extends parant {
sum ();