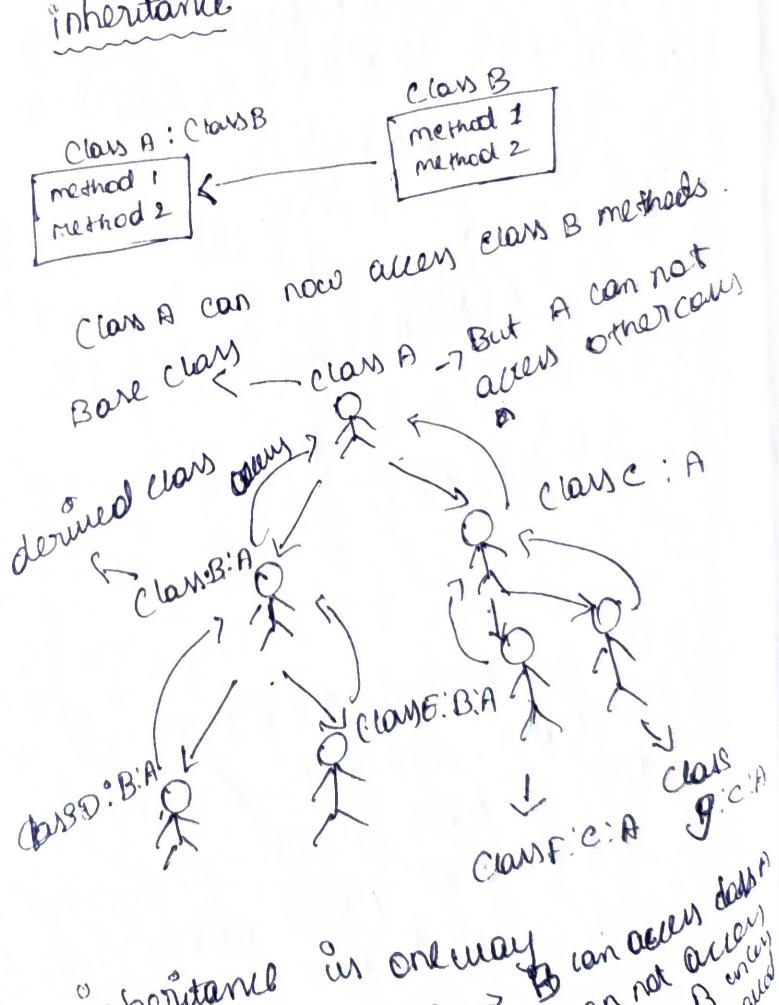
## inheritance



But A can not octown Clay A. B would inhoritance in online Clan B: A

type of inhoritance: is single inheritance ii) multileuel inheritance in hierarchical inheritance ils interbace -bared multiple inheritance 3) single inheritance \* A dérine (chird) clais inhérits Joron ringe Bare (parent) clars crows Ai 2 -> parient crows andrew or will have

in multileuel inheritance; another derived class inherits from a chain of inheritance Here clair B inheritance worom Bare class A and then class c interitance from evan B now cions c com accers both method

from clar B and A.

in Hierarchical Inhoritance. \* multiple derived clarres inheret born vingle bare ciars: clan A Bare Clars Q 09 and cat clarrer both in horiting wrom animal class. White was A Maria Maria

\* code Remability \* maintainability \* code organization protected -> can enumber where shortens methed olleriding summittel pour polymens. Virtual reguond -> on bare ceals override regard -> dérined public without int add (inta, int b) public overhide int add (inta int) atter outraled method method

bare add () call the add method in barre class call the method whom current class this add () -> High uprom the other class public new int output! L) dermed class. public intoutput; bare wars Public Employee (stringmame): barr (nome) construction fo the student cars. public entudent (94 ring name)