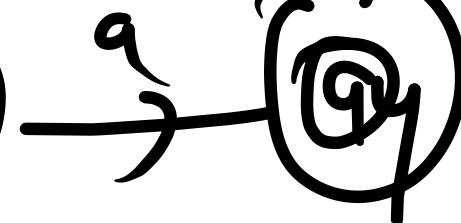
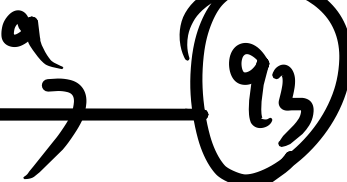
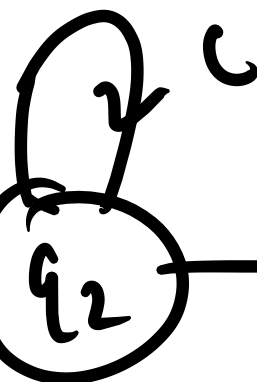
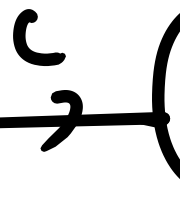


$\rightarrow \underline{CCaa}$

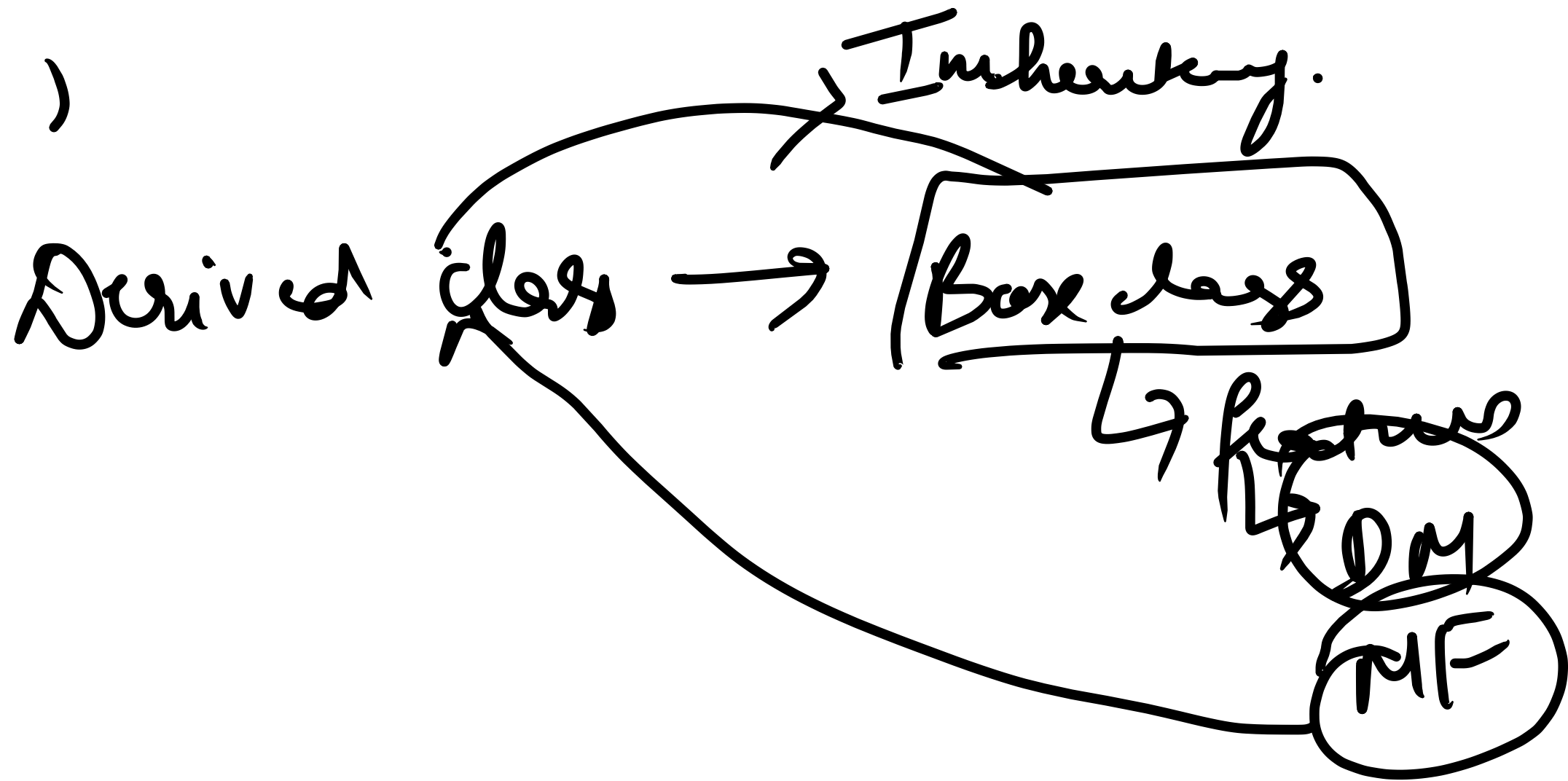


# Inheritance

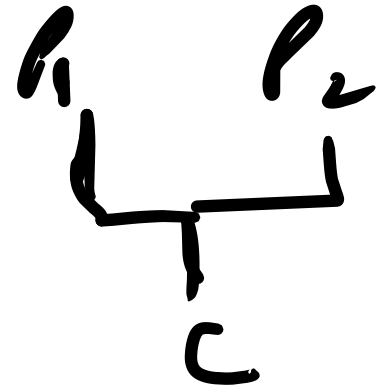
↳ Reuse the features of one class  
in another class  
without writing code



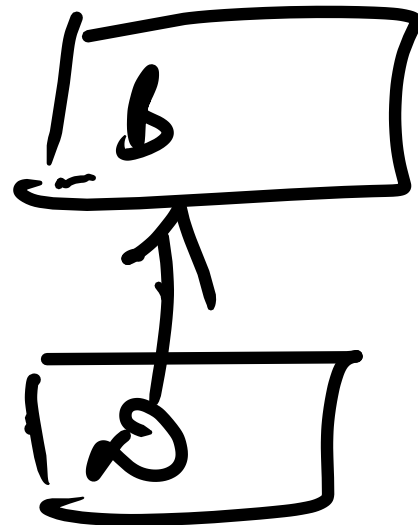
1.)



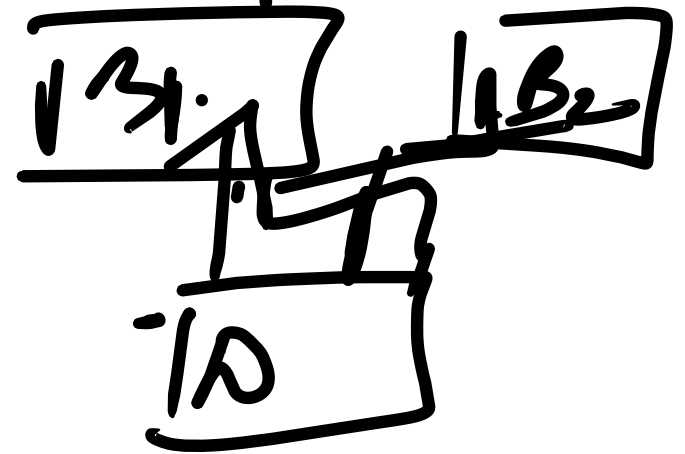
# Types of Inheritance



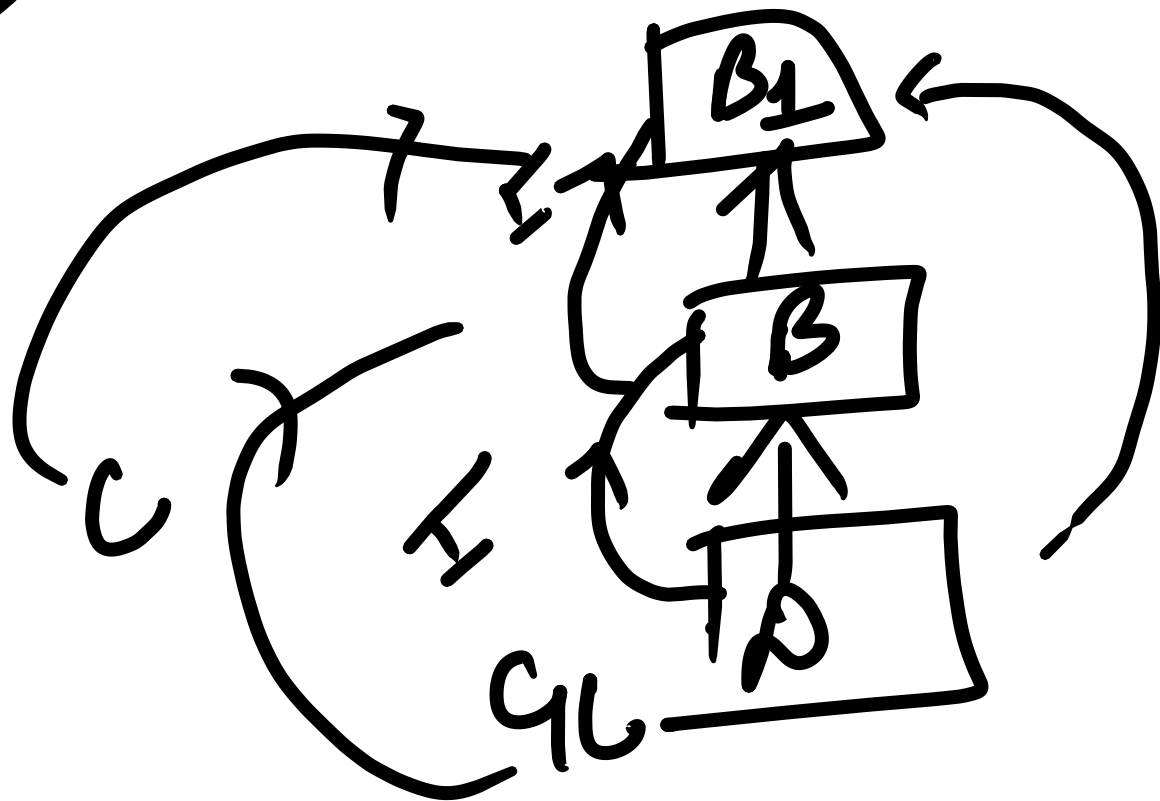
1) single or simple inheritance.



2) Multiple Inheritance

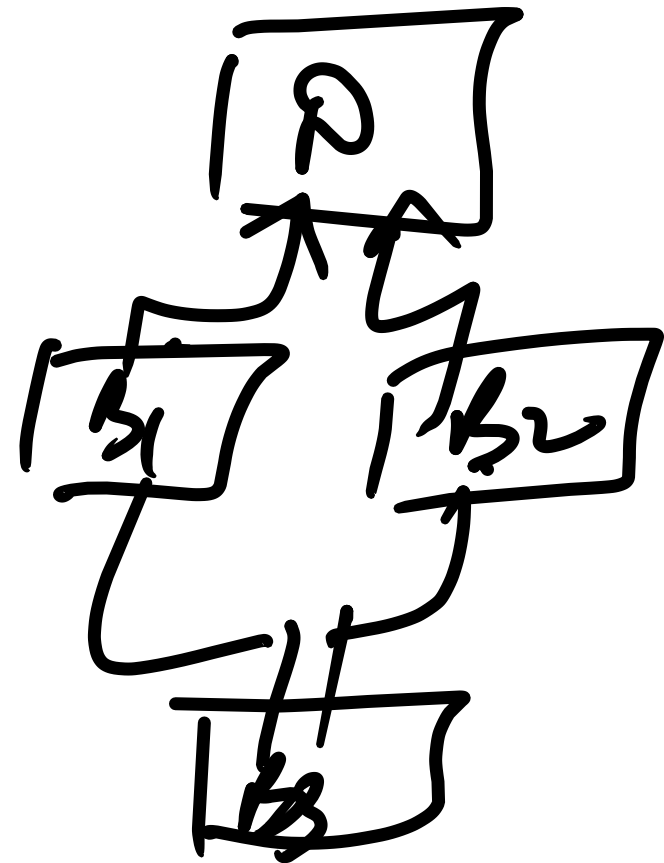
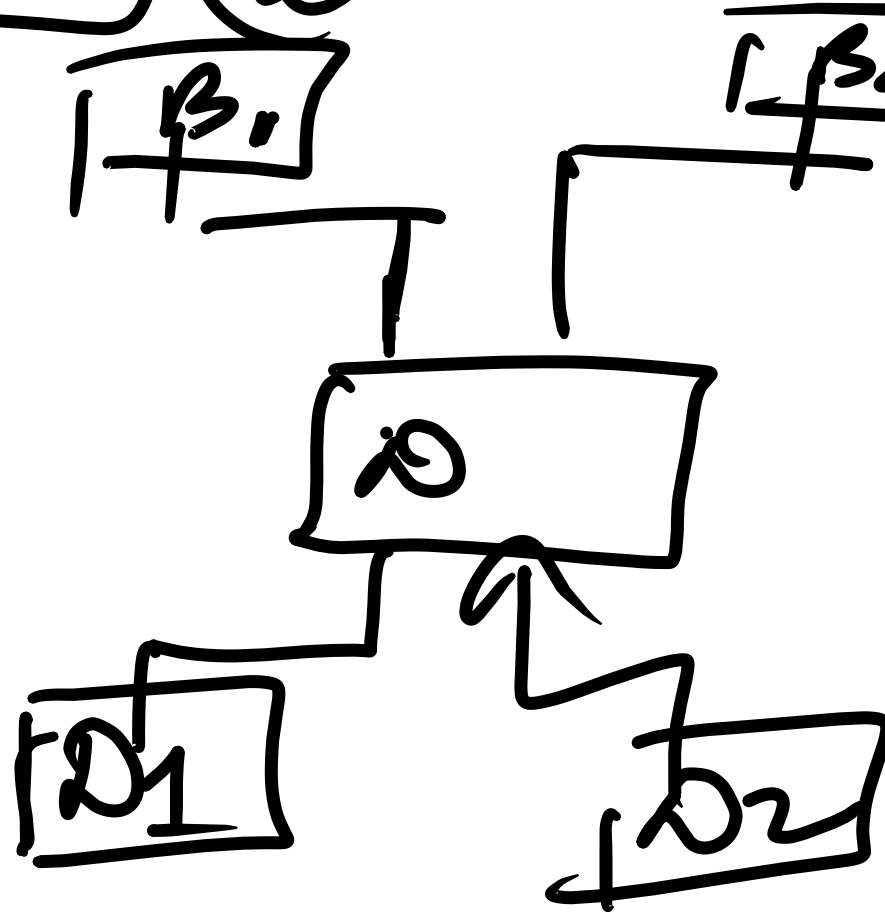


### 3) Multilevel or Transitive Inheritance

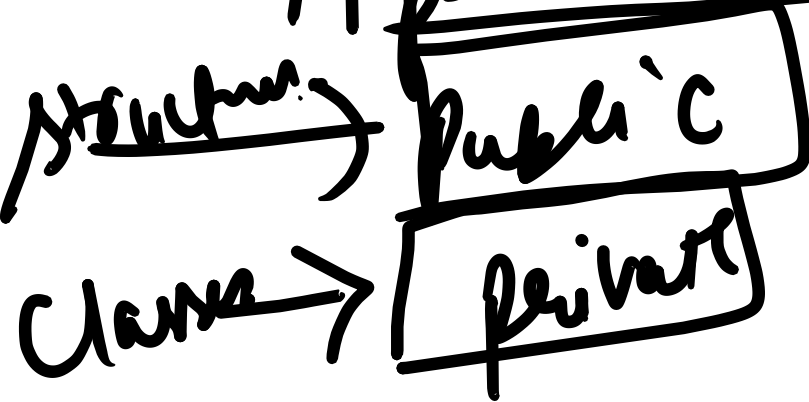


5

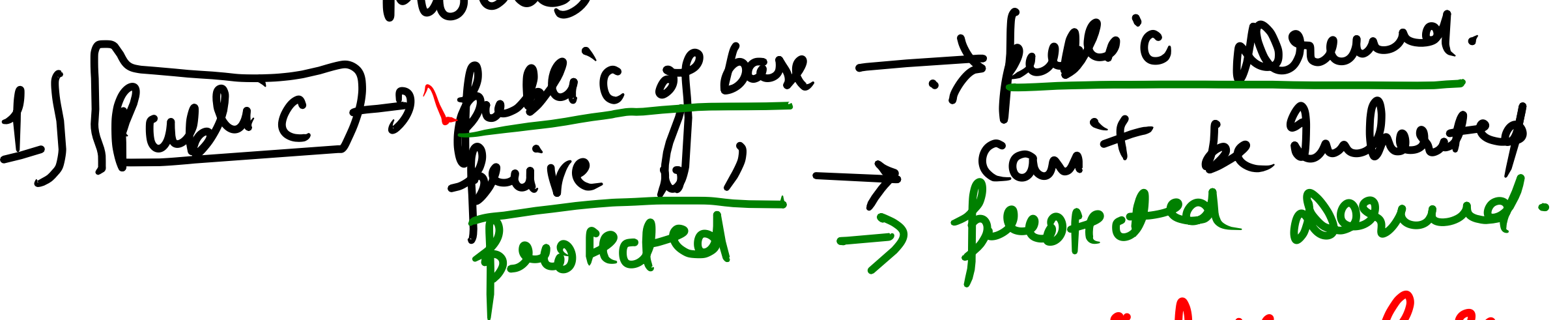
Hybrid (2 Subkulturen)



# 3 Modes of Inheritance



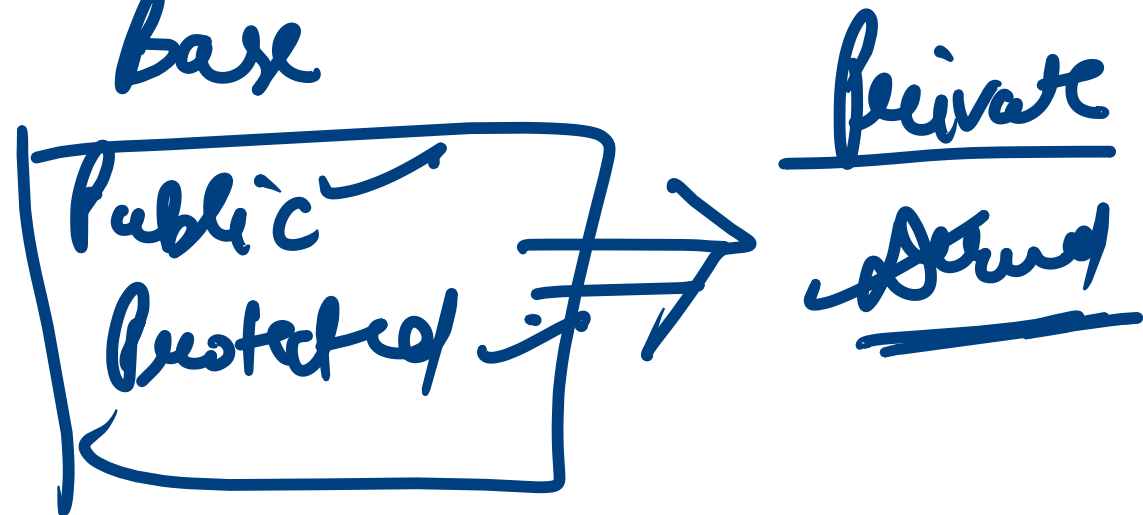
## Modes



Syntax

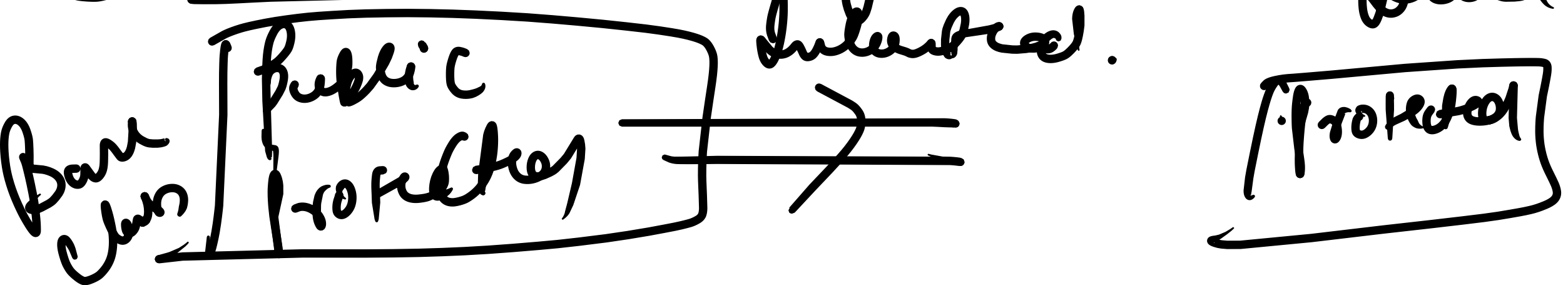
class derived : public Base

② Private Mode of Inheritance

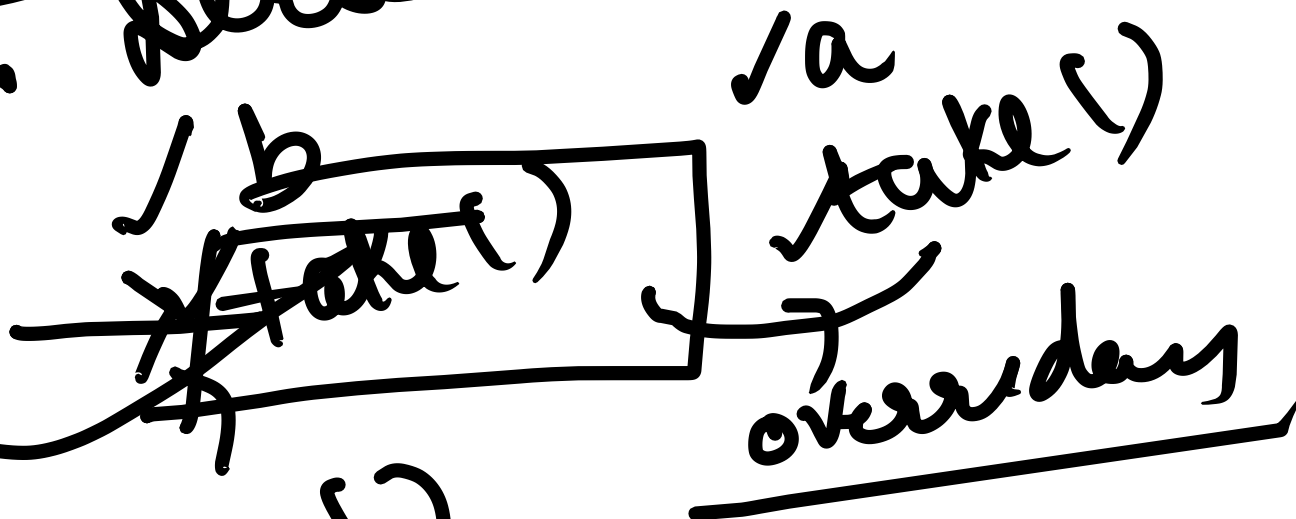




### ③ Protected Mode of Intolerance and



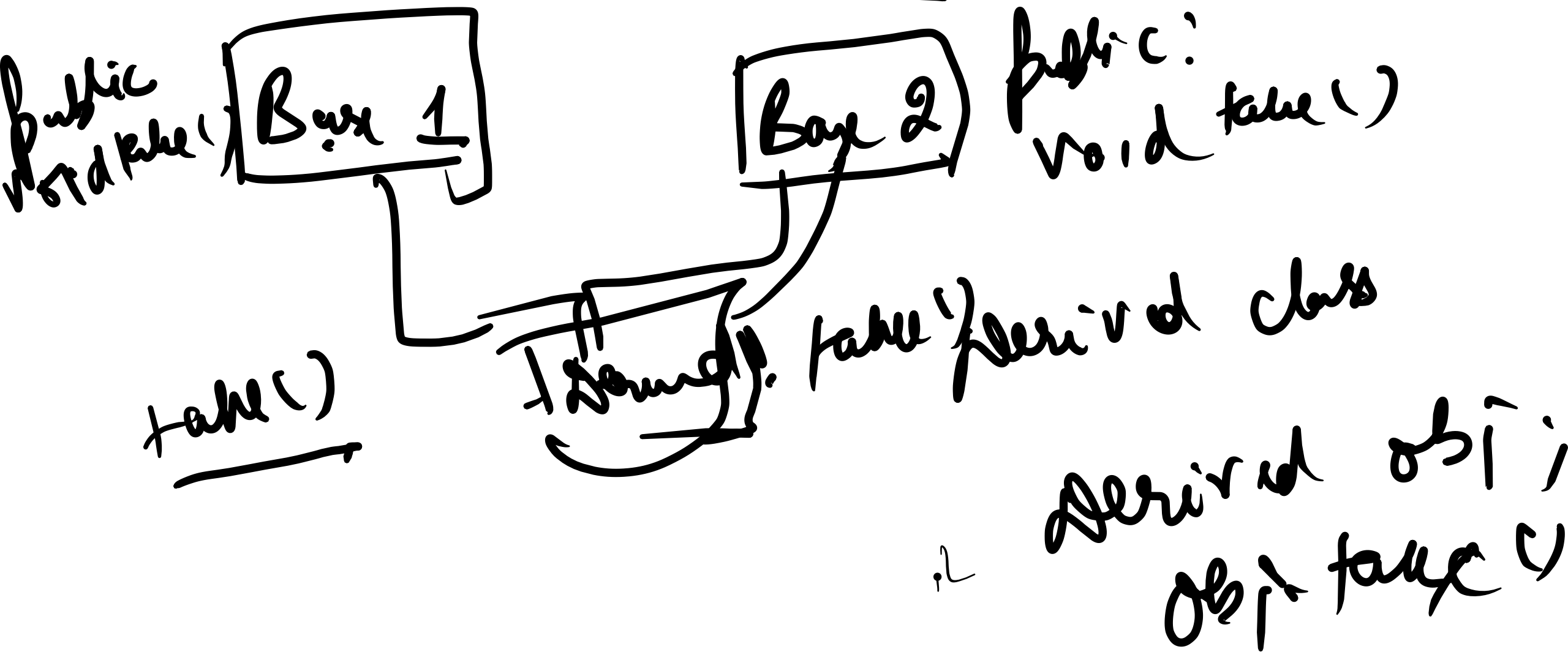
Base public derived



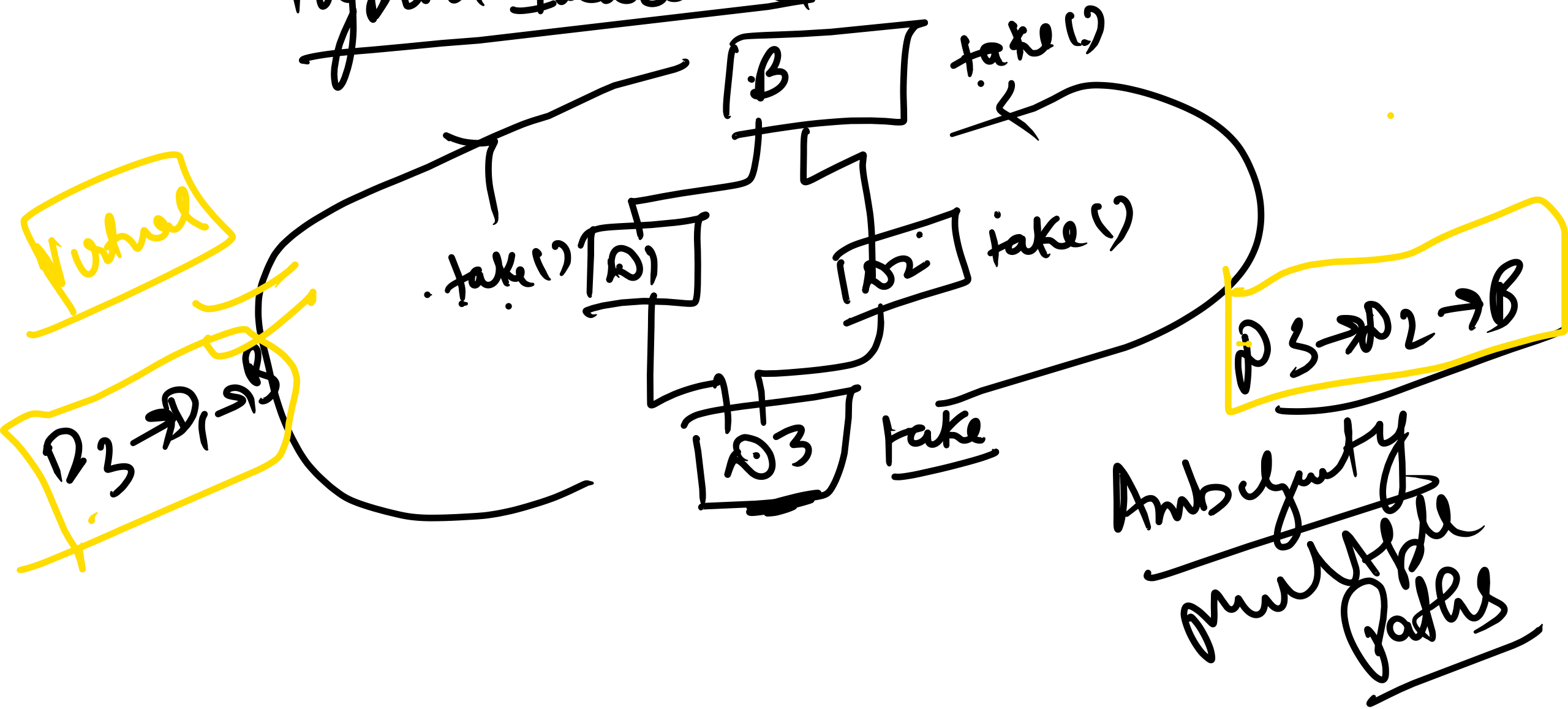
main()

a ~ derived obj;  
~~obj.take();~~

# Multiple Inheritance



# H Hybrid Inheritance



④

Hierarchical (Tree) Inductance

