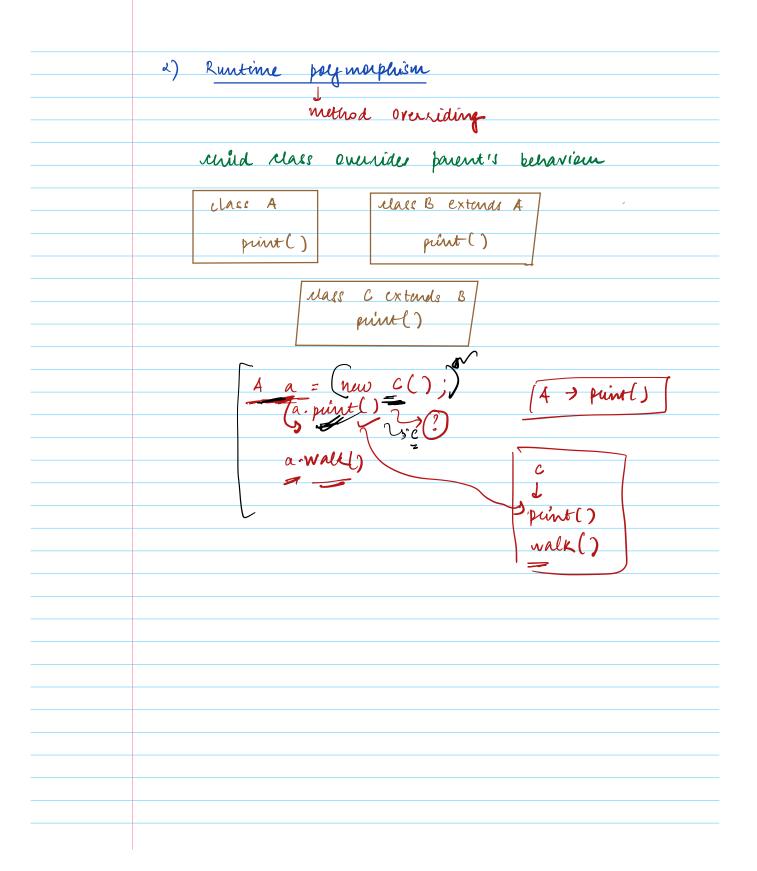
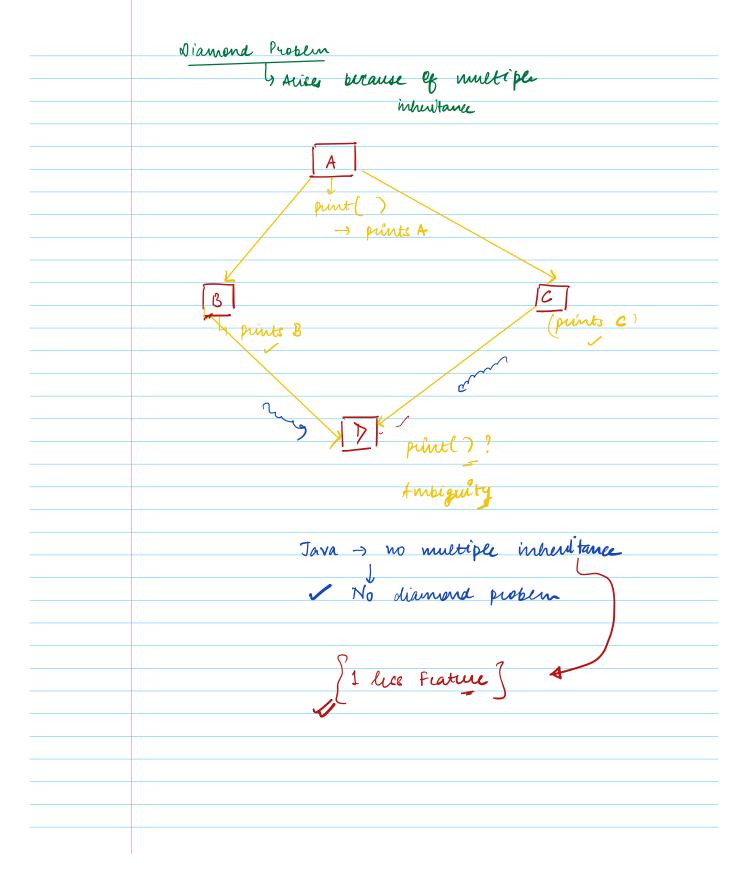
 Agenda:
→ Polymorphism (contd.) → Interfaces → Abstract classer → Asso clation
- halasta
1 Notificial
7 Abstract Maise
→ ASSO Clation
-> Aggregation -> composition
- colinpolition
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Effective Java Java - The complete Reference
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Types of polymorphism	Mrs Printer
1) compile - Time	
2) Runtime	void print
1) Nampile Time Method Overloading multiple methods with name and out m Foid print (int i) Void print (String Yord print (String) Void print () We are able to decide at confunction will be ralled basignature, or no of argun	p. punt () n same nethod signature 2) a, String b) apik - time which sid on method



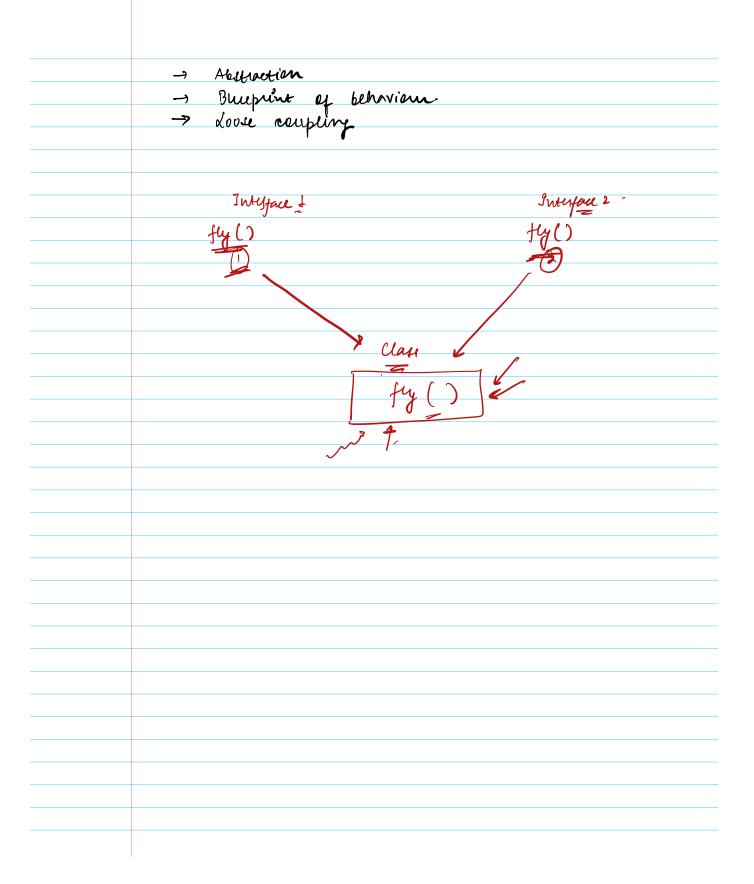
Chass => Blueprint of an entity Is Afferbate Is Method >>>>>>>> declared and defined Blueprint of a class, butter behaviour contains static constants and abstract methods Aprecify What a class must do, but no how it does it. The No instance Variables assumptions on how method are implemented.
Bulprint of a class, butter behaviour contains static constants and abstract meterods Specify what a class must do, but no how it does it. No instance variables — Rasically no assumptions on how methods are implemented.
specify what a class must do, but no how it does it. No inetance variables — Basicale us assumptions on how methods are impremented.
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specify what a class must do, but no how it does it. No inetance variables — Basicale us assumptions on how methods are impremented.
-> No inetance variables -> No method body assumption on how methods are implemented.
how methods are implemented.
how methods are implemented.
how methods are implemented.
100-1. Abstraction
V ti
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void fly ();
1



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Mass A l
void print () [
J
j
7
interface X {
void print (); I dudand
a method
De describe all markets of the reason
By default all methode of interpaces
and public
(Burd)
Angry Birds
\ \
4 Red Bird us 20 Km (ye)
Ly Canary Bud ~ 40 km/ac July 3
Rockets 4
Kocketh extend Sind X
a million =
Behavier
Con mos

intertura fluable 8
interface flyable &
void fly ();
<u>)</u>
RedBird extends Bird implements Plyable /
void fy()
1

Locket implements flyable {
void fly();
7
You can implement many interfaces
/ vu / sur / vu speriment vi dang / vu se g reas



Abstract class You ran't create objut of this Mass Buause teris class might miss en some method! behavion. meant to be inherited class Usu E abstract