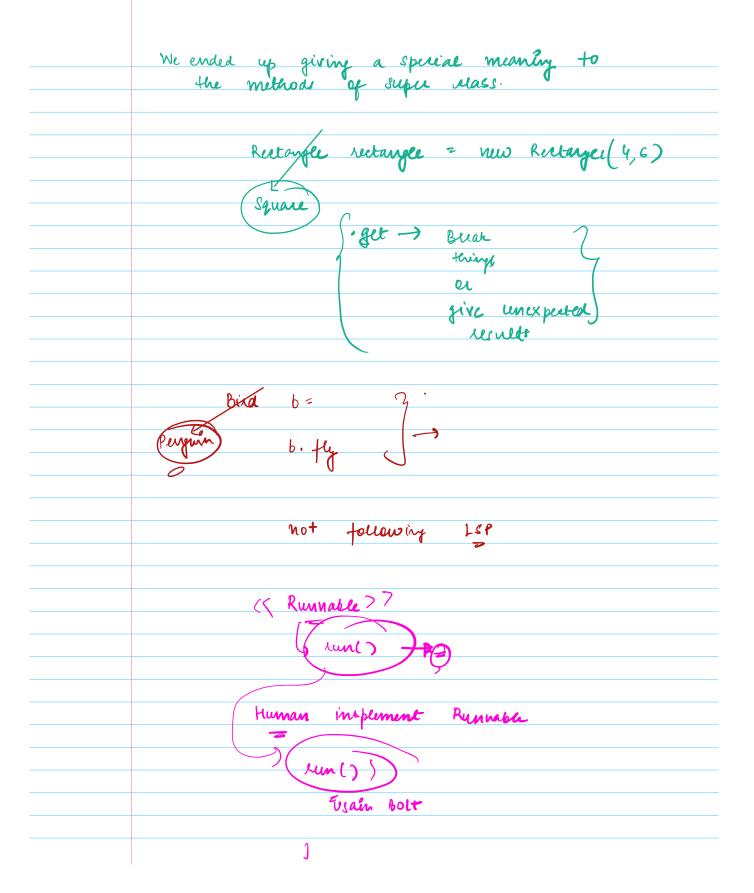
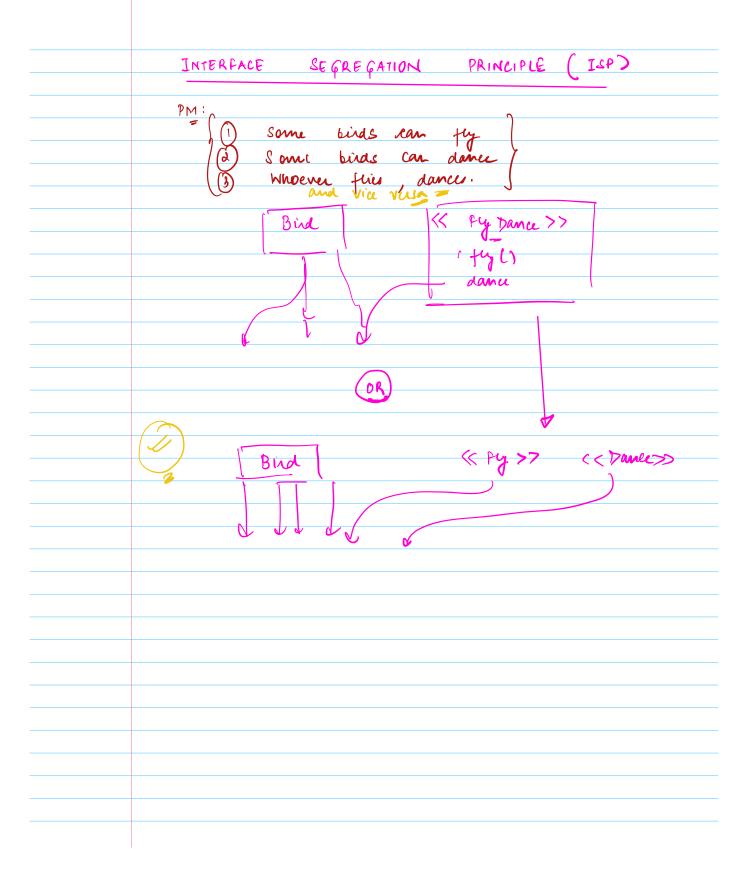


hit (Fyable 7 birds . — -

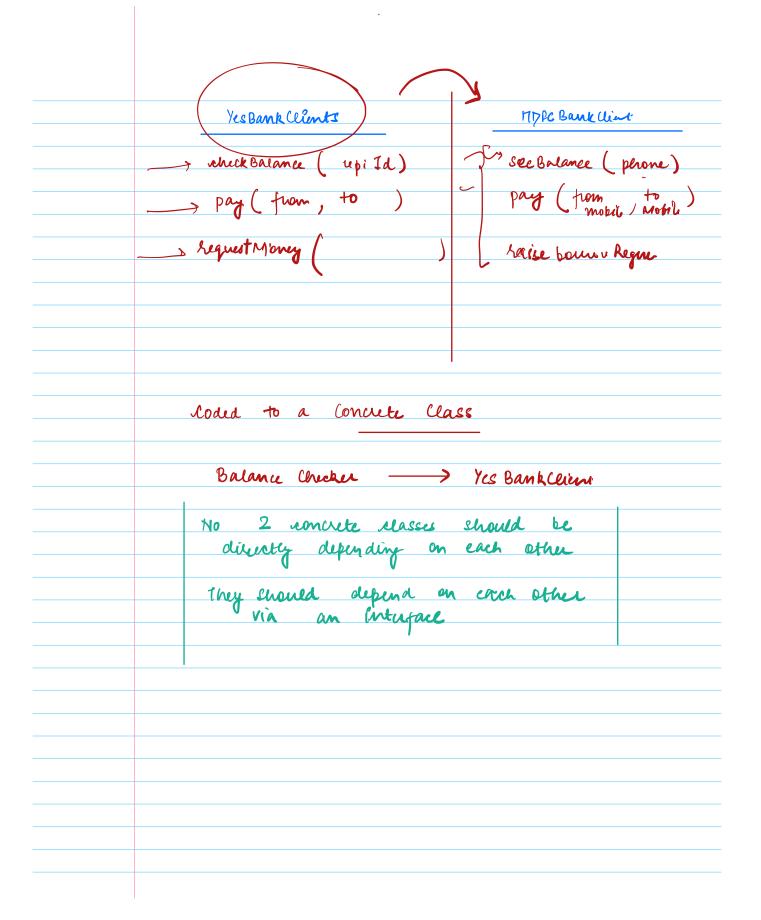
Liskov's Substitution	Principle [LSP]
We should be able	to replace references by its Subclass the code
of parent class	e by its subclass
Without busking	the code
0	
OR	
No subclass Show to the mulhods	nd provide special manning of superclass
V	nare
Square (is a	Lecturgle
Inheuita	mu
class Rectangle l	alass Square extends.
•	rlass Square extends. Rectangle [
int height;	
int width,	(a) set width
void cetwidth()	a) set widten and set neight
void settleight ()	
int art midth?	jetAlia
int get Nieth() int get Acea()	X , .
()	,
<u> </u>	1





- Interface should be as light as possible
-) As less behaviours as possible
Functional Interfores
gdeal - 1 method in ar
Jaeal - 1 method in ar interface.
We knowed only keep those behaviours togethe
We should only keep those behavious to gethe in an interface which are very well related / bound to each often
Felated I bound to each office
Five Reade SRP on interfore
(opul)
-closel)
real)

	*
	TEPENDENCY IN VERSION PRINCIPLE
	Case Study
	Chart 3 to 1
	Phonpe
	(Yesbank)
	rlass Balance Checker (
D	anking Yesbank Clint y6 = new Yesbank Client).
פו	Service which Balance ()
	yuBank Client. Sheek Balance (upi)
	establish Connecting
	autherizal
	<u> </u>
	J
	Yesbank — CICIBANI



interface Banking Lervice (
Liquest Monyl)		
3		
Yubank Mandele implement panking Service		
HOTE Bank Mander Emple -		

class Hype Bank Handler implements Banko
- sheel Balance (_)
= rolfbank (lint . see Balance (paone number)
halfbank client. See Balance (phone humber)
Sparow J. Low Paying Behavior
Prigeon I m
Eigh Plyty Bellavit a
Relican y 5 wales tegy school
All slaces
All slasses implement fey method
10
Aloes Spalmer extende Bird
reass Sparour extends Bird implements Fyable
Frying Behavion (6) - (new Low Frying Reliavior ()
gutyon void Fly ()
A6 '
fo. fay ()
Fly
3

