# Agenda	
Sc	LD: Goidelines &
	fondelines &
	1. Extensibility 2. modulability 3. maintain abisity 4. fladobility
	4. fladobijita
Today S:	Single Res Ponsibility open Close Poinaiple Liskov's Substitution Poin
	Interface Segngetion Dependency inversion
BIRD VI	
	-name - Tyle - wings - gewer
	- gewer

	catt) - fly (), -make sound()
b = BidC	
b. name	
5. Tyle = Pe	arnyc
b.wing! = 2	
be BirdC1	
b. name _	
b. Tyle = chrow	
b.wirgs = 2	
L,	2 · · · · · · · · · · · · · · · · · · ·
	make_sound() # Perce con sound
	majce_sound() # glasson sound
Bbo!	
def make sound ():	
· · ·	Tyle= = leachqc.
1. not_scalable	slay Receip mb;
2. defaulty 7esting	
3. NOT extensible if Ty	fe = - Clamow:
4. Not following	Elay SPassow mPs.
S' & Solw	U
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S	s: Sin	gle Re	esPonsibeil	ity ioinc	inle	
Every	ba	Unit	(class;	metrol	, Pac	kage)
U	Should	have	only	ity Poince metrol	zeston	libility
		# on	ly 1	Haso n	to	change.
#	Ways	То	fine	ંમુ હ	Ü	booken
		# 70	oo ma	ny y	(D)	di-1014
	Comm	on) _ f	_do(lommond)	·	
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				J Short	_ /se.	у :
					<i>_</i> \/\o	.t clown
# 9	Dany o	example	OR	n.		
		S Cole	ere_ us	er ().)		

S.RPX (Uer. Object. Save()i

O.C.?: OPen - Close Principle

your Code Should

Open for extension & closed for

midification

medification

pewer Charge

re enilising

Code

def make _ sound ():

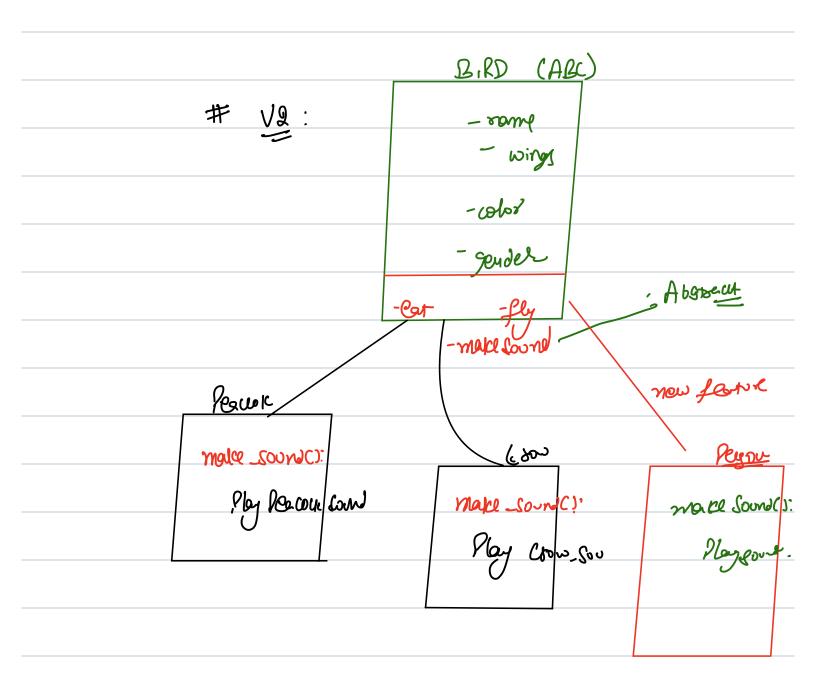
oct x

we are charging if type = = P:

existing if Type = = 0 ws:

To add

a new plature



LSP:	
	BIRD (ABC)
# 1/2 :	- vome
	wings
	-color
	- gender
	-Car -fly Abgrocut
	-make count

