Day - 05 Solid Principles SOLIDI: SRP and OCP

(1)	SOLI	D

(2) Single Responsibility (SRP)
(3) open-closed (OCP)

9 Real life design use care.

Good software

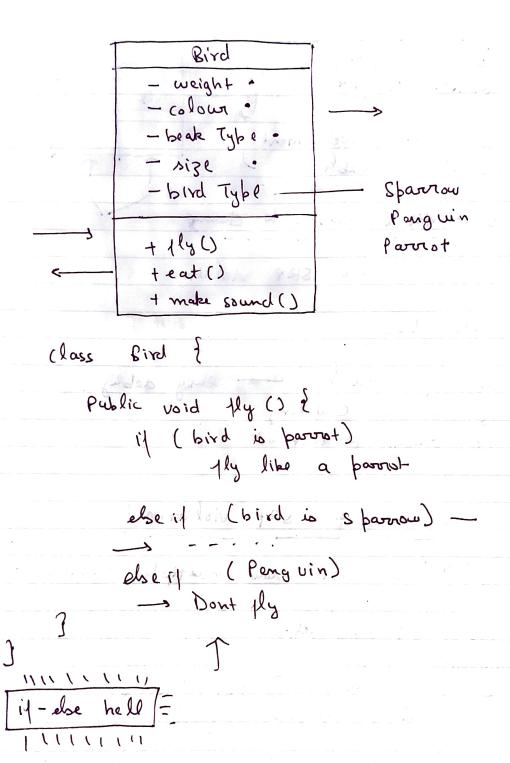
La maintainable 3 -> SOLID.

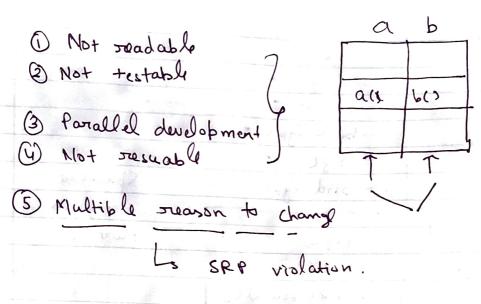
Ls scalable

Single susponsibility (SRP)

Is class should do one thing. les one reason to change.

(1) Real world — Design a bird.
(2) Grames.
(3) Management S.





SRP benefits

- 1) Maintainable ensy debug.
- (2) Lower coupling
- (3) Easy to test

how to spot SRP violation !

- (1) If one code has multiple reason to change.
- 2 4-else hell.
- (3) God Oass J Lot of codo Monster method J

Public void save to Daterbase of
Il connect to a database.
Il create a quory
Il encute that quary.
Il create a usur obj.
Il close the collection

j

(4) Utility classes open closo d Las class should be -s open for entension -s closed for modification. Aly () } if (tope = = sparrow) } 5 ede if (Pengirin) } else if (Parriot) } elser () { Bird - Panguin S passow. Parrot Bird - beak type . Parnol Penguin Sparaon + 1/2