

$$\begin{array}{c}
4 \\
2 \\
4 \\
7
\end{array}$$

Problem Statement: - Some buids exhibit a

particular behaviour and some don't

list < Buids > n

compy

classes: entity

Interfaces: behaviour

Abstract Buid

< Flyable >> 

fry ()

eat()

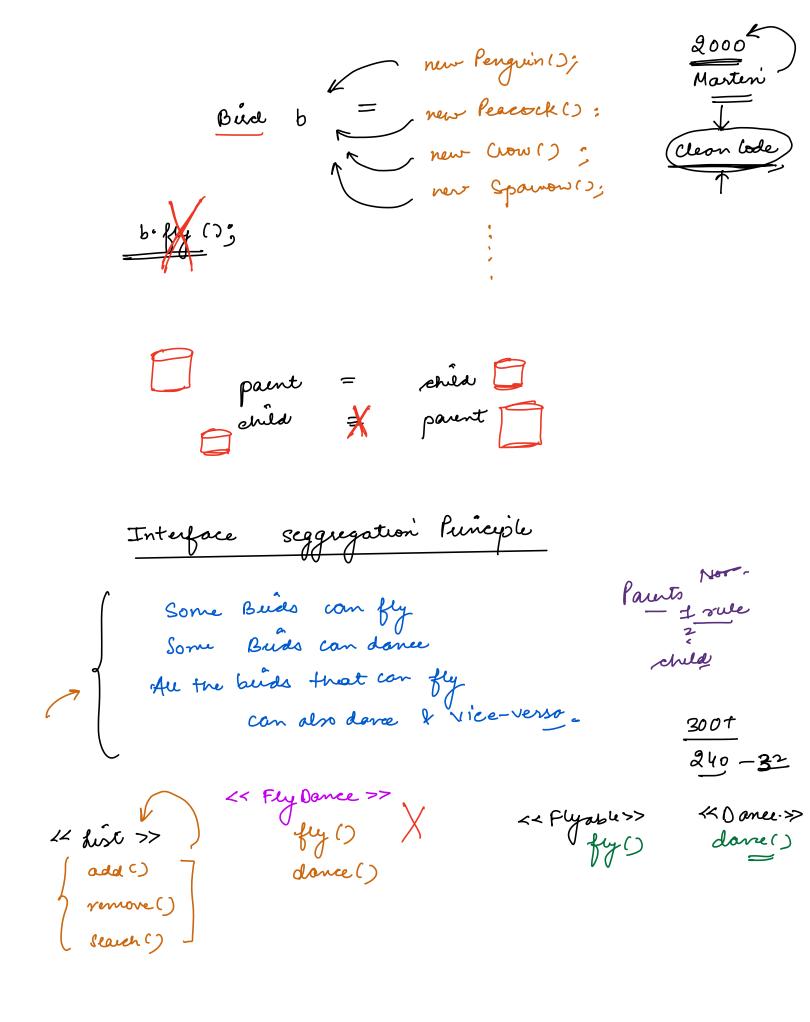
Peacock Penguin (eagle

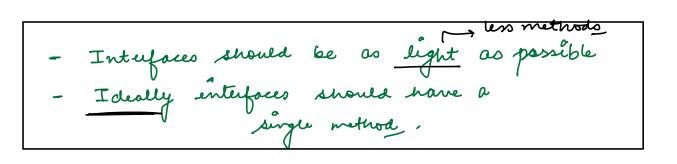
Carper

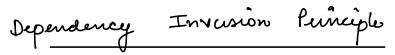
## Liskov's substitution Principle

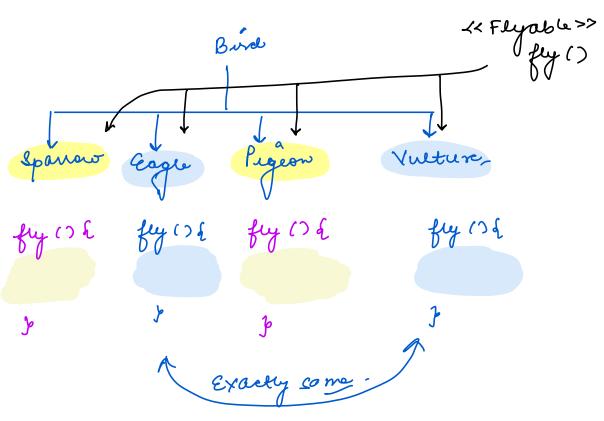
Object of any sub-class should be as-IS substitutable in the parent class without any code change.

# Au the shild closses should behave as their parent.









class Fly Beh A l
makefy () {

=
}

class fly BehB {

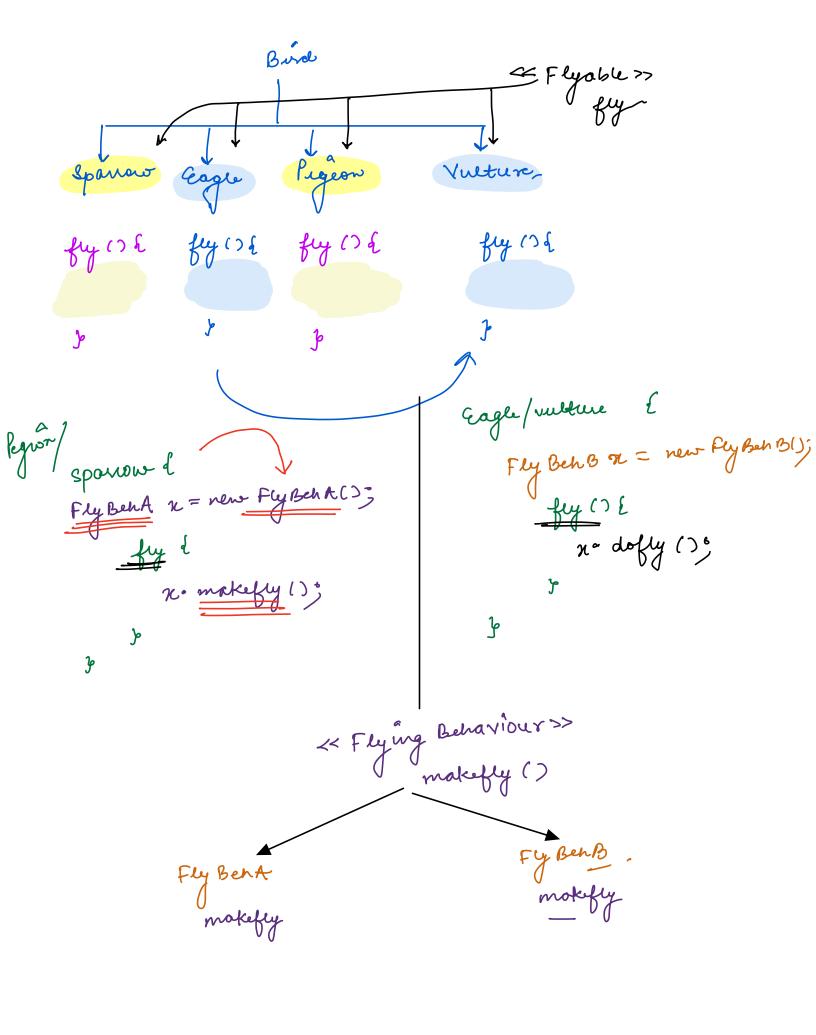
dofy {

=

}

z

7



Eagle/vulture É legron/spouron d fy behaviour n = new fy Beh k(); fly () {
no mokefly() 6 ٦ j z Bud Penguin Spousse vulture 24 Fly Behaviour > makefy ()

eylow

Flytigh

= mokefey () {

mottefy () {

= p

- No 2 classes should be directly dependent on each other, instead they should be dependent via interface Sporrow -> Flylow Sporrow 2 Phonepe -> Yes Bank

MCQ'S-classes weekend realtempt

PSP T Backend

List < ? extends flyable > buids,