3) Structural Design Partem

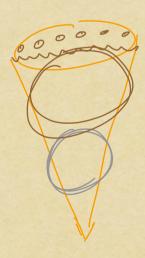
- Decorator
- -> flyweight

" Decorator Derign Pastern

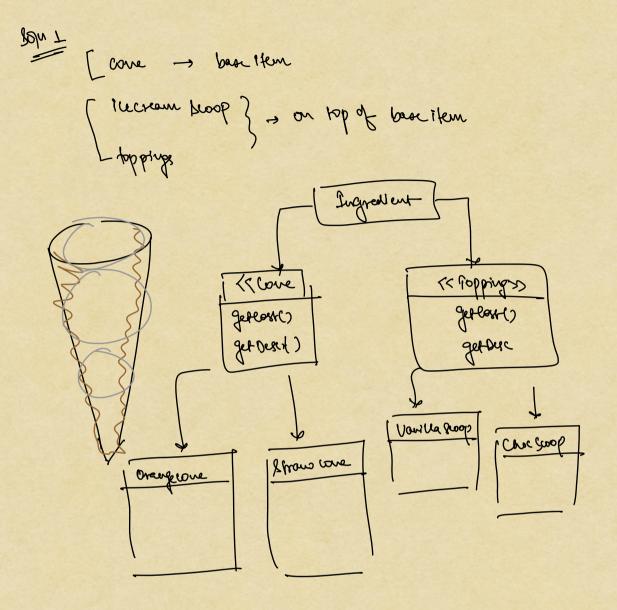
Sure of vooliled quality walls

- => build on ice-crown ordering system
 - · Appr should only take order for re-exam cover
 - · Cusponisable
- en o Changes during making the order en o Orange care & Vanilla Swop & Chocolate Scoop & Choc. Symp

+ Choe chips



- -> build the ice-cream
- -> cost of the ice resem
- -> description (Ust of ingredients)



Decreem

City comes comes

Ust (Coppings toppings

Get lost () }

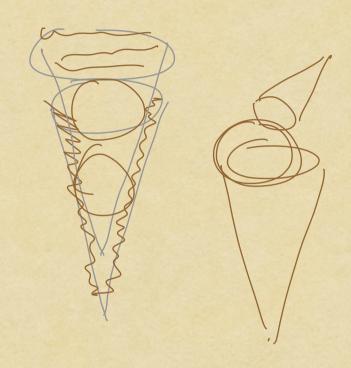
Cosp through act

the items

3

Get bess () }

boop knough
, au itemy

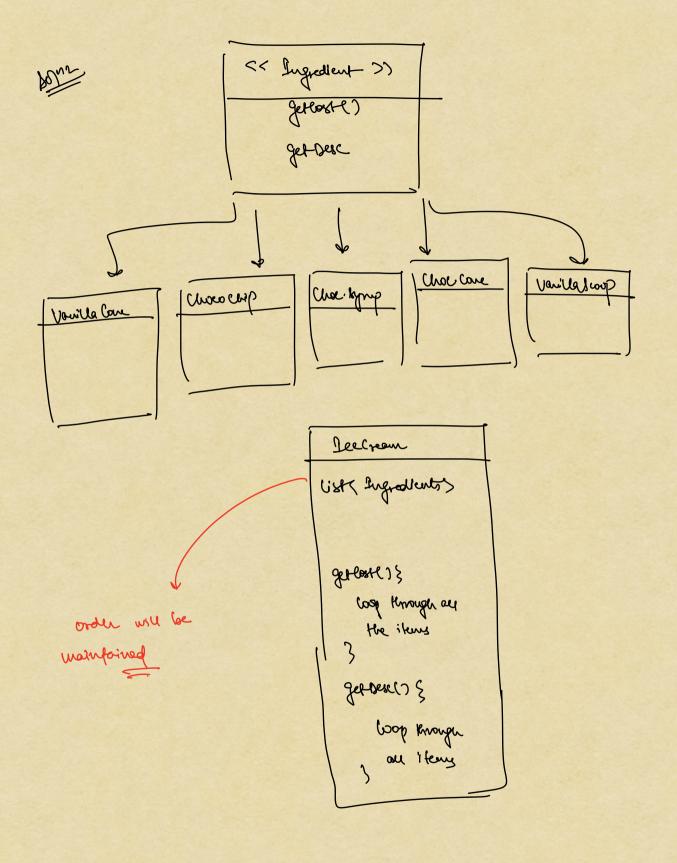


Recipe => Vanilla Cone + Choese Symp + Chose Cone + Vanilla Scoop + Chose Secop

List (Cones) => Vanilla Cone, Chose Cone

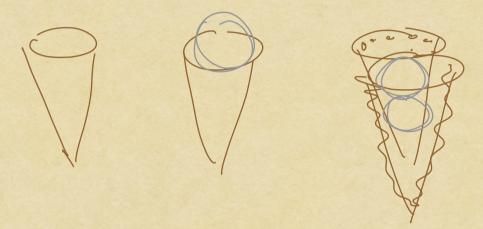
List (oppings) => Choese Symp, Vanilla Scoop, Choe. Scoop

Vauilla Coure + choc come + Chow lymp + Vauilla Juop + Chochop



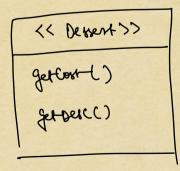
=> Decorofor

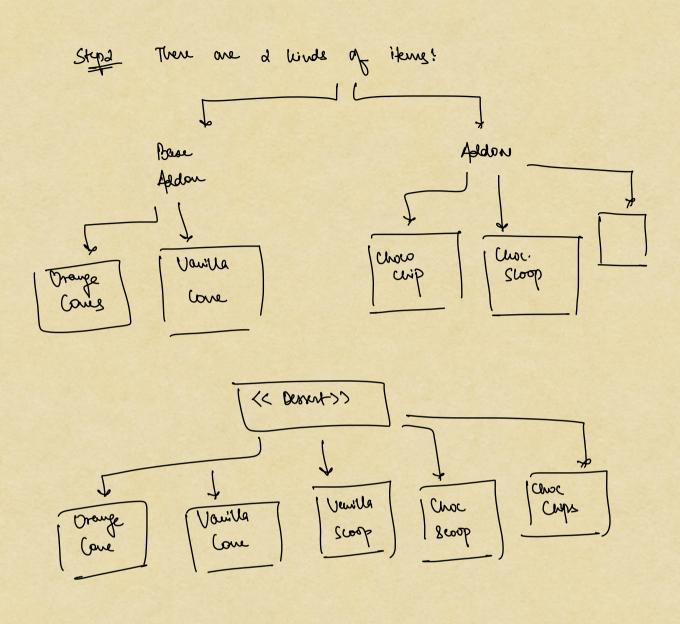
-> Pight from beginning since User starts orduling, any set of ikuns can be called as ice-cream



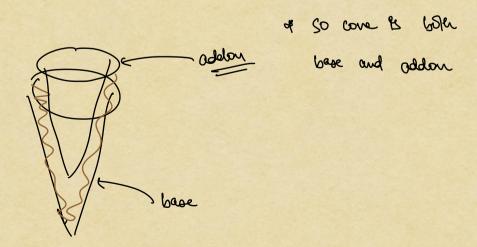
-> Whenever the user adds any item, the cost and desc. of the descriptive-execut schooled change

Stept => Define an interface | abstract dans that represents the thing that we are constructing.





> ONLY A BASE ENTITY !



> Only AN ADDON

- · choes chips
- · choes some
- o chow Jeop
- so only on oddon, cant be been entity

Dennit

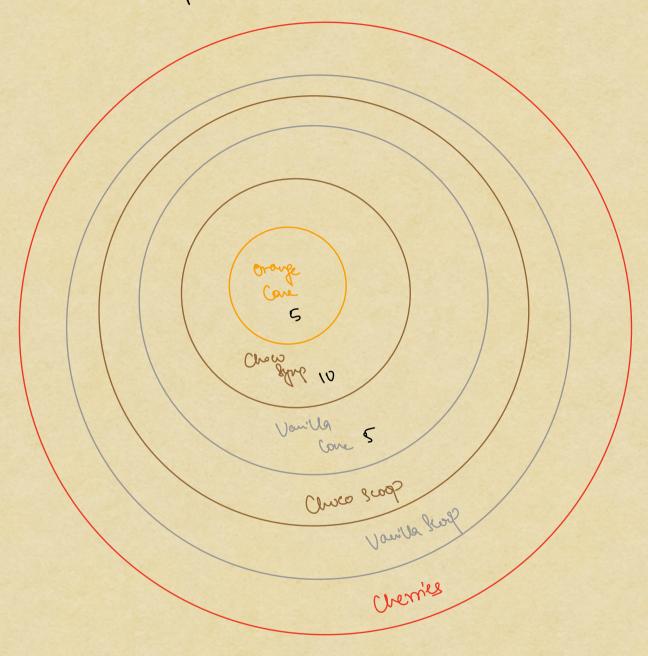
addan

Jone (base depen)

base 2 addan

- cons(case)

3) Orange Core, Chow Symp, Vanilla Core, Choc scoop, Vanilla Scoop, chemi



Dement d =

New Choicoscosp (

New Voundalouse (

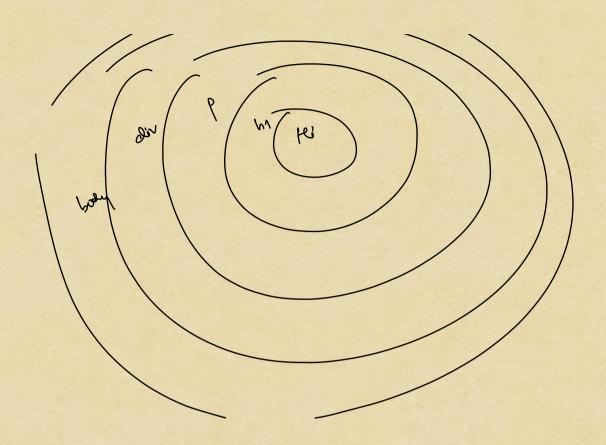
New Orange Courl))

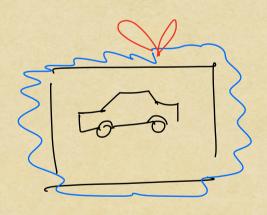
)

» updating the structure of an object at runtime, can be done via decorator.

\(\lambda \text{body} \)
 \(\lambda \text{body} \)

hhm





(body)

(div)

(p) (p)

(ldiv)

(lai) (hi)

(div)

(div)

<

Clars Sholents

Entity (object object)

Guird

Pizza

base

p exha

→ tunomot

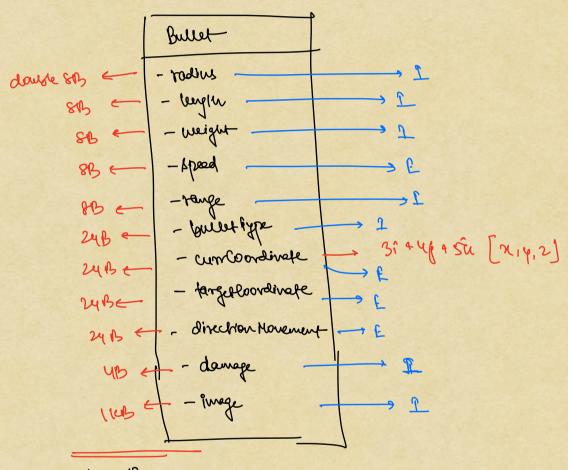
- cheese bunch

Push

City off

2) 300 milest | blanker 2) 300 milest | blanker

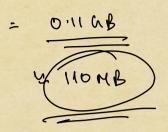
- -> Complete state of the game is deronloaded to the
- -> Changes of the game are transferred to every washine



114013

51.1 mg

Memony => 1.1 KB x 100K > 100000 pullets



Observation of over though numbers of built that
is very light types of builts use ise
very slow or types

orsune

Often times, we have classes that have majority of types of actionates

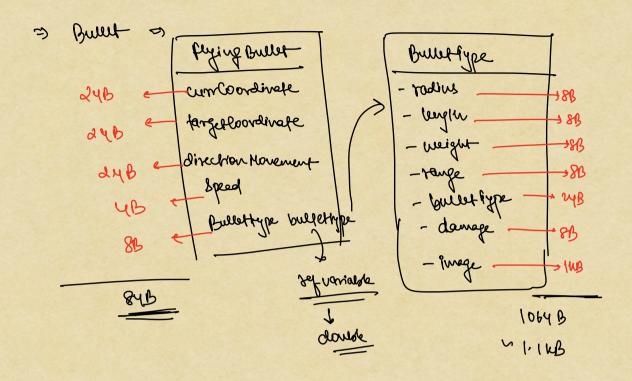
Extract

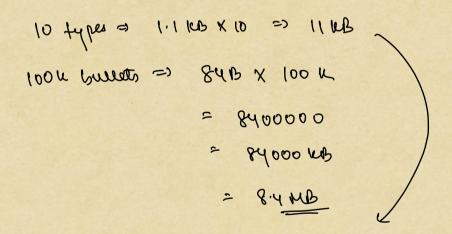
[changes per Object]

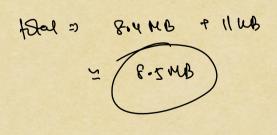
Across all majority

Objects]

=> Flyweight => Lays beep both separate and sense suprime'c outributes to achieve flyweight.







(10MB -> 8.5MB

