OOP-I

Agenda

- LLO

- LLD UHLD

- why LLD

- LLD module

- pryort is doog sottmares.

- Programming paradighs

- brocegore,

- O OP

- Abstraction

- Br cepsulation

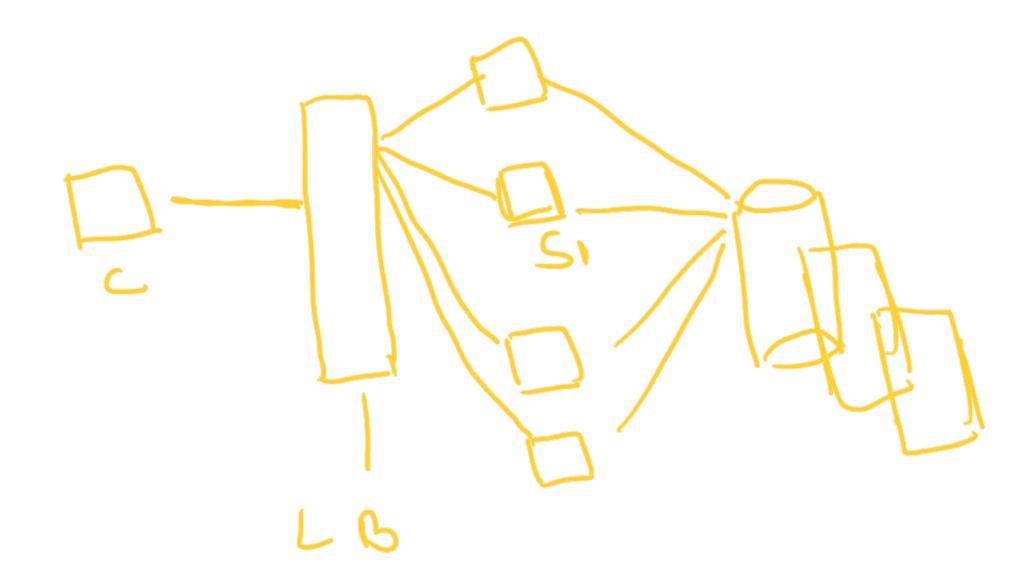
Lochevel Design Ligh

High level

- Over viev

- bind's eye view

- not too much detail



CODE

Infra. lasers

LLD - Code

9000 rue en 6000

- Dow Riles Classes Lalle to each other.

pon ma cogé pérens

Good software

LLO -> level implementation
organisation of code

Crood softwere?

Maintainable

Scalable

Extensible

Maintaible

- faster de bugging

- e asy to m derstard

- e asy to change

- Modulanty
- Rewability
- Testability
- Modifiability

Sonar Oube

Scalable

(1) Pertornorce - pondle the we

(2) Bosines - 200 ms

- concourse c

7-5 -> 2 ma - 5-- -- >

3 Extensibility

1000 103 10000

D 1: You

LLD interviens

0-2 ; SDB-1+ ? S+ an + Ups CRED Scoler Lo cus

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SOE-1

MNC - NOULD

SPEZH

MAAN - LS - SDE3

3+

Design

LL D module 18 c/02x2 (2) SOLID - 1 +1) 3 Design patterns 9 UML -1

レレり

- 1) De sign & in plement
- 2 Design
- 3 machine coding

LLD

HUD

Project Bilding

3 Schema de sign - 2

(6) Case Studies

D 27 172. C / aus 1 en tity ben vending m ochine (2) (- anes CK 677 142 (3) RL app 5. Pom bing Lot 11 B MS Wail chimb splituise dis tributed (4) Eng. c a che

TA request

Programming paradigns

Java vs SOL get all von

->Set a=1 SELEU 4

-Da=a4)
PRom studendi;

-> bring a

Series of steps -> imperative

define how to _ > de clarative

Cet tway repre Imp -> C5 C++++ 5 5 an-Declarative -> SOL JISP COBOR -> React -> HITML ICSD

Imperative (D) Procedurel

Alice - Bob

- (T) Alice reguests 50 tobe sent to Bob
 - (2) Bonk deducts so from Alice
 - (3) Ponk add So to Bob

Obzect verb

data - behaviour

- State a behaviours are separate



Main

6:00 6:05

10:30 10:35

PP - State US behaviour

Pro - e asy

- modula-

- de couple & state + behoviour

Con - State shain of - maixifein be

- ester sible

- secuity - state

State and bah anion Oop Objects - State behaniour behaniour attributs methods

Oop - objects Bonk
entities

Chanacter 132100

Op > A petrodion biding

In put

Interface

Output

Steening

Com should

wisht

(*Pt -7 Steening)

- Com should

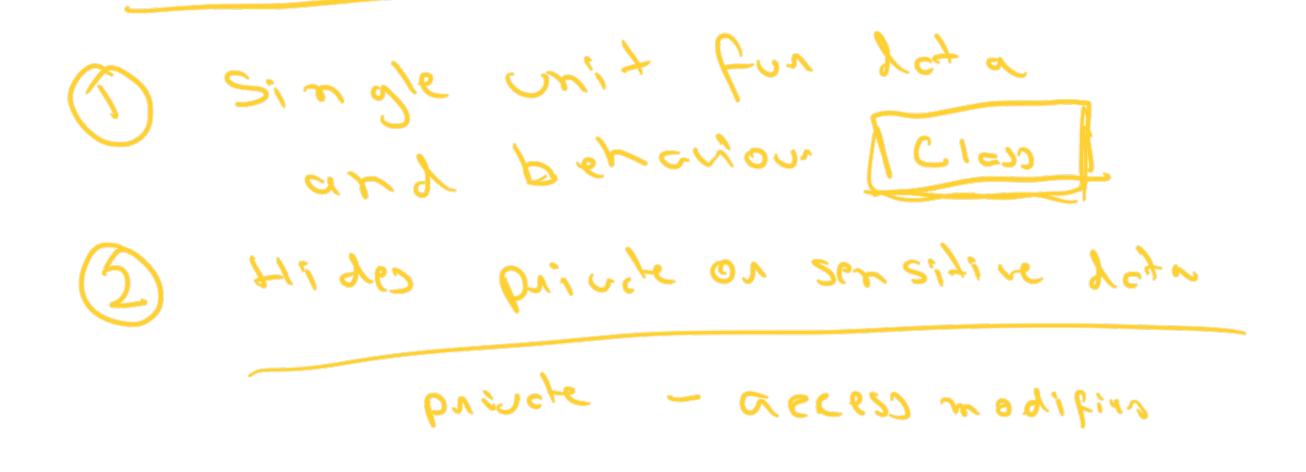
accels -> ges pe hell, go lef Cas Should 20 6.1x (1) Se conity (2) eas y to use (3) Sepmotion of con (41) D 60 +4 cct 100 To boldmon byw Inheritance Encepsul dions

En cap sulation



- (1) Halds everything to gether
- 2) Prodects my medicine from the sensironment

En copsulodion in oon

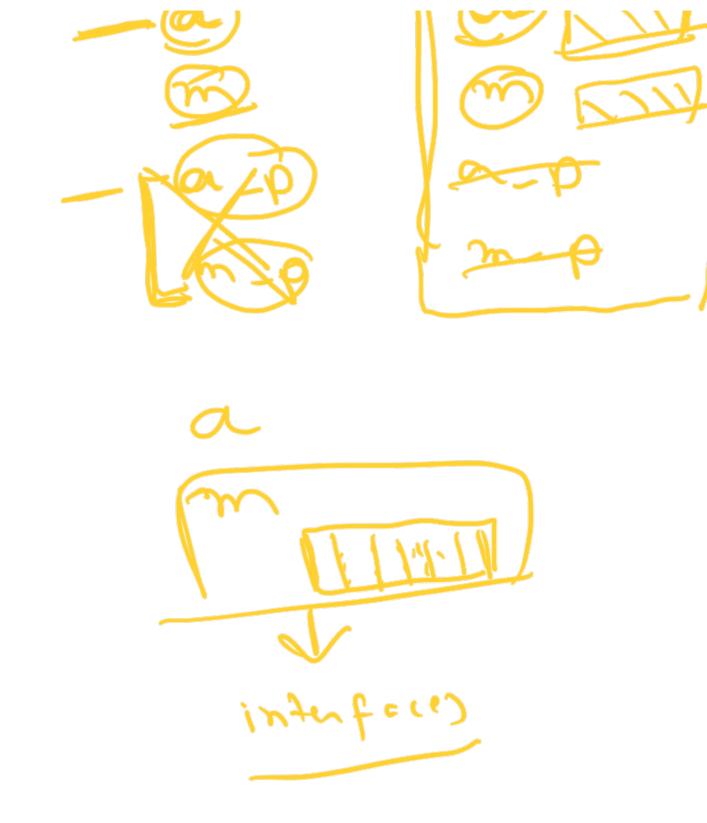


Encapsulation - data lingo hiding

Abstraction - imp. hiding

C 1033

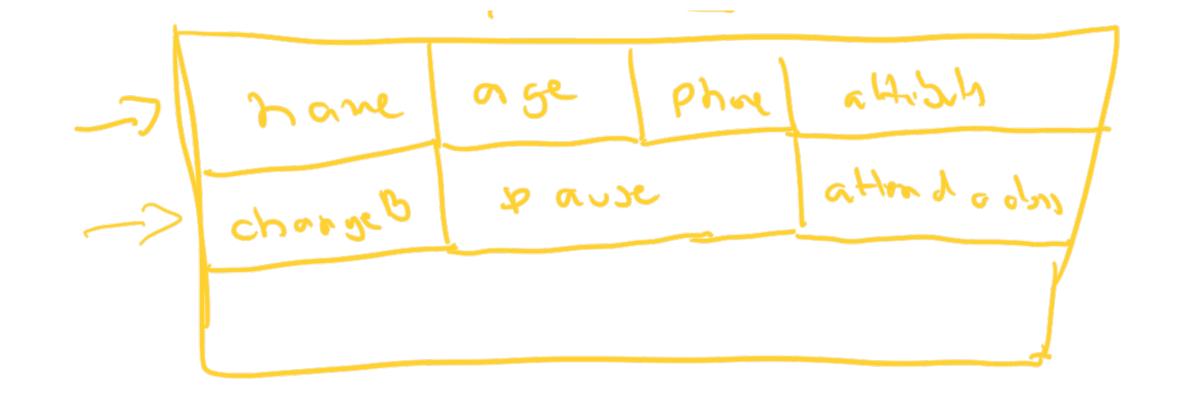
Py



plue bring



Studeart - name -agre -phone stale



Class > In stor cs 1 objects