Agenda

1) Putro to LLD

") why is us important

") Imeture of the module

in) Improduction to ooks

LLD = Low level Derign

Thow to Emplement Something!

HLD => High land Derign

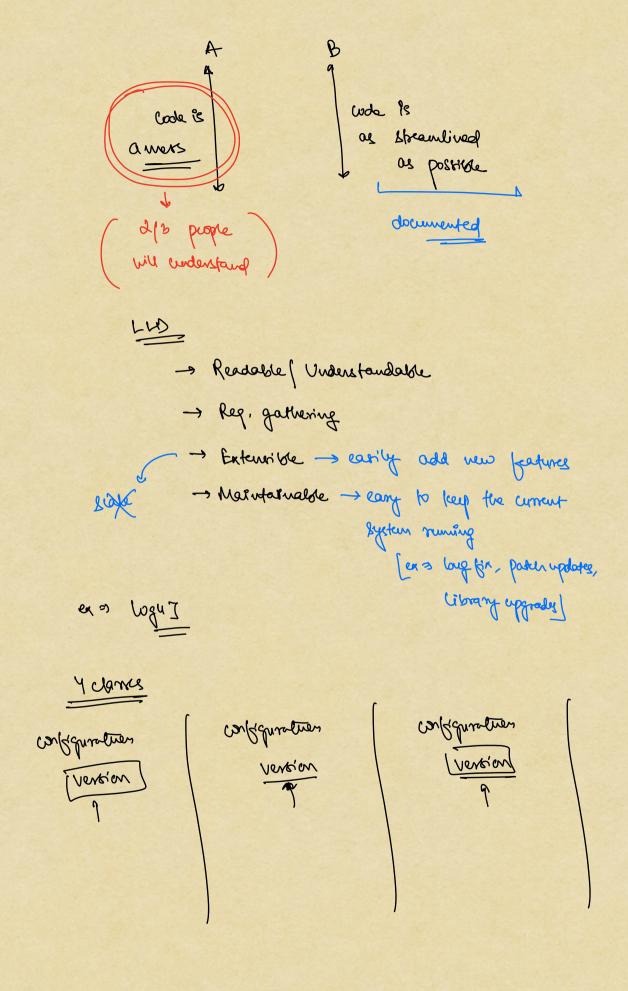
Requirement _____ what those Architecture imply LLD _______ bouild LD ________ HLD _______

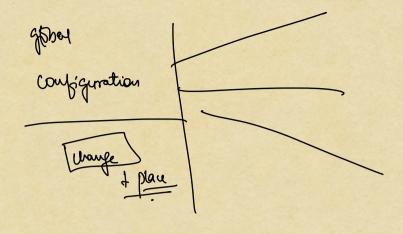
DSA, LLD, HLD
interious
f
day to day work

S/W => day to day fro:

- 4 Metric | Scrum -> Reg gathering | Planning
- 4 PR review (water review -> Reading code
 - & But bir refectoring code
 - * Pushing -> reading enturing Ed E work | refactor
 - 4 Maintaing the work flow [Agile] planning
 - 4 Documentation -> reading code becomes easier
 - * Coffee (TT / Cossip.
 - a writing code (
- => SWE spends only 12", of working day, writing
 - → 40 UA → 1811.40 → 18 ×4× → 4.8L

(1) Requirement gathering 88% (11) Readabrility of the code 111) Modularity of the code 12% (11) writing the code





3 LLD for interviews 1-

Theory	Derign	Machine Coding
Service based companies, banks, consulting firms, accounting firms.	Oracle, MS, Aflaman hoogie, Meta, Adobe, PoyPal	Pliphant. Cred, hoyele, hymna, Sealer, Intuit, Razonpay
ex=> Pwc, Delwik, BoA. Sochen, Exfek	Single Une producen Statement.	→ Requirement document is Given
-> theortical L	→ deg, garring skills → degn the system	→ need to write and to end
based questions	→ no coding	working code with feets

or) no weed to write code derign anything

7 60 mis

→ Clars vames, tables vames, class diagram, DB -> derign pasterns required

ple grievally us principles 2vim 001 ← during a call.

> LLD curriculum;

INTRO TO OOPS

Programming Paradigms;

n procedural -> C

") OOP -> Jana. Python, Jr. Ctt

111) functional → Scalar Haskell

in Reactive - Jave

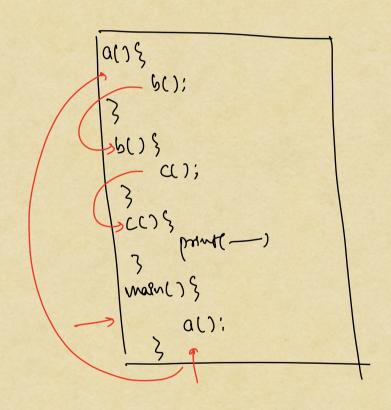
>> Procedural Programming.

Procedure: Set of Pushnichious + function (methods

- => me organise our code ques a bounder frenctions (procedures)
- => cach procedure may Enternally call other procedures
 - >> execution of the program starts from a specific procedure >> (masn)

Procedure; but of prefrictions that work on a given set of data

and may output some data



TRL

Soundeep Ps teaching LLD.

His Ps large tought by landerp.

→ We are harring LLD

LLD is being barned by us.

IRL Subject performe a verb.

>> Problem in procedural programming

printstudent l'hing vanu, ent age, eting genden) }

sout (vame)

Sout (age)

Sout (gender)

Street Student &

String vame,
Putage;

String genden;

of Structs down have any methods

print the details

printshudent Deptils (Shudent Structhudent) &
Sout (vame)
Sout (age)
Sout (gender)

Street -> performing action action -> Street performed

0082

Object oriented system

septicate the seal world with object

Object >> Southibutes + methods

[properties actions]

Clars Shudent &

String vame;

Put age;

String gender;

void print Details () &

Abut (vame, age, genden);

}

Shodent c = new shodent("A", 1, "M");
S. print Details();

Procedural => action being performed on subject
Object => Judget performe action.

Large to replicate real world

=> <u>00</u> =>

1 principle - Abstraction

3 pillars >> Encapsulation, Inheritance, Polymorphism Principle => fundamental | foundation
Pillane => Support | Word the principle

→ We use our 3 prilars en voje to actione
Abstraction

5) Abstraction: - representing something on forms of

Clam A Clam B