Agenda

* Intro to LLD

* Why LLD is important

-> Day to Day Tob

-> Interviews

* Types of LLD interviews.

* Structure of LLD Module

* Numes (Important Expectations Setting for LLD (FARE)

- Why this language

-> Assignment

-> Amount of theory

-> CS Fundamentals.

- Job Rendiness

- frush start

- Attendance is very imp.

-> PSP knowled be very grod

-> Contest

YYD Y YYD 3 YYD 5 YYD 1 # Introduction to LLD

how havel Design

High larel Design

Superficial, Bird's eye view, Overview, Not point into detail.

How face book works. Somer (Data bare (ewers) /gettrofile [Browser] And [ixhone) (LB) (Machine) for wers. Balancer High hard Overinian of FBIs Deign (Architecture) (Application Servers)

What is a sever? - Computer

What is a sever? - Computer

What is a DB? - Computer

LLD: - Deals with the details of coffware running on these machines.

Alofe: - Intervieur ontride India, has is called 000 (object Oriented Design)

Why LLO is important -> Day to Day Jeb 30%, 20%, 25%, 12%, Moy., What do we spend most of our time on? i) heeting] comm 2) Code Review 3) bolving Bugs 4) Document atten 5) Interviews 6) Tuling 4) harming why ? Events Requirement Gathering, Plan meetings/somm Rendability, Buy Free, Performant, bole fleview Avoid failure of your 51w Colve Ruys. Rendability Doumentation Detect all Errors, Testing

12% of the total finne is spent by sub cooling.

88% - ministed dairy whatever we listed above

LD helps you make the best of this 88% of your day to day.

ALD will help you write code?

-> Understandable
-> Remable
-> Extensible
-> Extensible
-> Maintainable
-> Fasy to keep current tystem working
-> Modular
-> Why code will stop working even without changing
-> unything?
-> Updates (adding new packages can came evvor)
-> hibrary updates.

2) Interviews.

700 $\angle = 2 \longrightarrow SDE1$ $100 > 2 92 <=5 \rightarrow SDE2$ $100 > 5 \rightarrow SDE3$

Type of Company	startup	MNC	PAANG (Minnoft)
Level	Vnacademy, Scalar, Razorpay, (wiggy, Zometo, Go Jek, Ludy FK, Zepto, MMT; Uher.	Pracle, Adobe, SBM, Paypal, Visa, Atlassiam, Mantercard, TPML	Ameron, Microft.
SDF 1	1 Machine beling Round.		Oop; Derign Patterns. Derign Principles,
50E 2	/ /	LLD Round	11
50 E S	1 /	A Province	

# Structure of UD Module at Scaler.	
ADI - 00 p (Object Priented Pregramming) (4 clauss) - Lonewhenry & Multithrending (OS concepts) - Advanced Language Concepts - Java Streams - Lambde Functions - Collection Framework.	10-11 classes.
LLD2 -> Golid Derign Principles (2 dams) -> Design Patterns -> brutional (2 classes - 5 DP) -> Structural (1 class - 3 DP) -> Behavioral (1 class - 2 PP)	7-8 danes.
This Digrams (I class) ALD 3 (Interview Prep 2 Practice care Studies) Entity - How to approach a LLD problem and Derig Grand - Design Tic Tacifor L Code Tic Tac Toe - 3 Later - Design Parking hot b Code Ph -> 2-3 classes Maybran - Design BMI and lode BMZ -> 2-4 classes - Design Sphit wise -> 3 classes. - Design Cache Tryinewing Problem	n a fen -I class 4 classes. s. when h'o

LLDY (Project Module) -> 11 May

-> E- commèrce website Backend.

- -> Spring Boot
- -> Deplay, AWS
- > Rust Api'1
- -> bit, bithub (VC)
- -> NOSAL DRJ
- -> Sewrity
- Anthentication.
- > Docker.

f AB's
1) Why Tava for this module?
- Change language which most stratus much
In their jobs.
99: 10 -> (Java): Python
(2) Avignments (Vimp)
3) 15 fundamentals.
DBMS> SQL Classes.
OS -> LLD1 CPV Echeduling Mem. Mangement.
CN -> LLOY, we will were it.

(y) Job Kerliness.