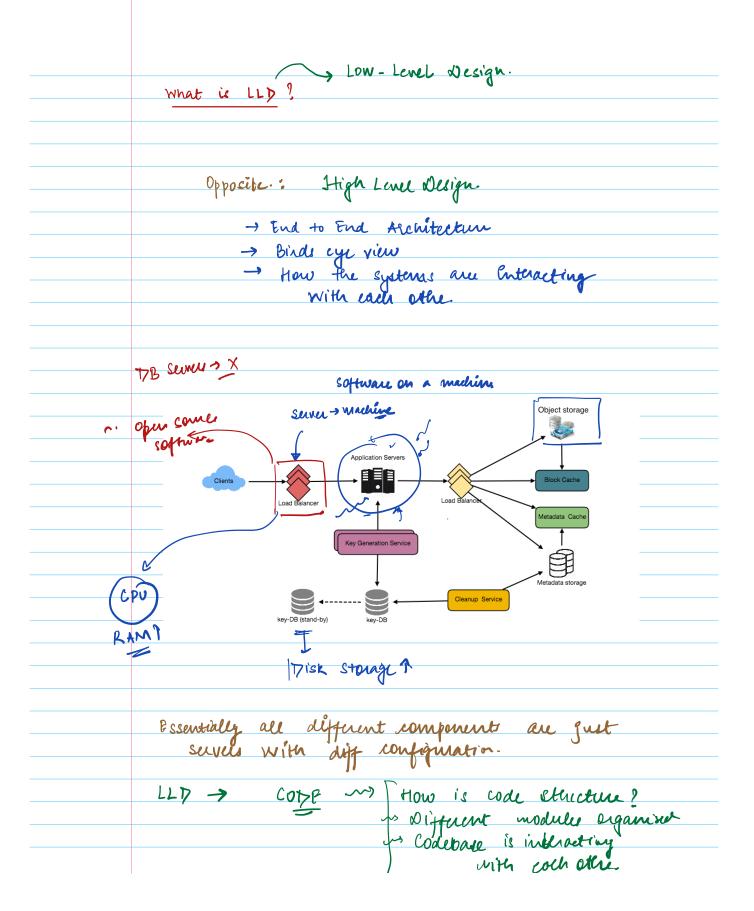
| | Acarda ' | | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | Agenda: | | |
| | (1) What ie LLD? | | |
| Rahme | | | |
| l, +91-88474 th Slack | 33272 2 Why is LLD important? | | |
| 4 labul. gro | vu_10 (3) LLD module structure at scaler. | | |
| , | scalu com | | |
| | G Intro to 00 Ps → Programming Paradigns → Principly and Pillars | | |
| | Github -> Massy and objects | | |
| | Github -> Masses and objects | | |
| | | | |
| | O Duno → Gntellij → | | |
| | Ø Demo → Gntellij → _ Ly github - | | |
| | <i>─</i> . <i>♥</i> | | |
| | No. | | |
| | Note: | | |
| | 1. Phase try to join by 1:05 pm 2. Questions -> PUBLIC schat 3. Soubte after every topic finishes 4. Phase john W.A group. | | |
| | 3. Soubte after every to sic finisher | | |
| | 4. Please john W. A group. | | |
| | | | |
| | [2 hrs 15-20 mins] | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



Why is LLD important? Dungo -> 2 LLD rounds Interviews ! STEI WY DSA
WY OOPS SGL
R3) (TL) Activities. Stand y ~> Durign Do. ~> Designs -> Code Rewer on Reading code Production I as n realing code and logs Planning unt Tutin ~ Goals of LL7: (1) Maintalnable - Bug, Readalle, Reliable 2) Batensible -> Adding a feature How much code you had to sharp

L

LL) course structure (à Scalur.

| | A | В |
|------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1 | Submodule | Class Title |
| 2 | | Backend LLD: OOP-1: Intro to LLD and OOP |
| 3 | | Backend LLD: OOP-2: Access Modifiers and Constructors |
| 4 | | Backend LLD: OOP-3: Inheritance and Polymorphism |
| 5 | | Backend LLD: OOP-4: Interfaces, Abstract Classes, Composition, Association |
| 6 | | Backend LLD: Concurrency-1: Introduction to Processes and Threads |
| 7 | | Backend LLD: Concurrency-2: Executors and Callables |
| 8 | | Backend LLD: Concurrency-3: Introduction to Synchronization - Mutex, synchronized keyword, Atomic Data Types, Concurrent DS |
| 9 | Java, OOP and Concurrency | Backend LLD: Concurrency-4: Synchronization with Semaphores |
| 10 | and domainsticy | Backend LLD: Java Advanced Concepts - 1 [Collections & Generics] |
| 11 | | Backend LLD: Java Advanced Concepts - 2 [Exception Handling, Reflection, Annotation] |
| 12 | | Backend LLD: Java Interview Questions |
| | | |
| 10 | | |
| | | |
| | | Backend LLD: Contest - 1: Java, OOP, and Concurrency |
| 14 | | Backend LLD: SOLID-1: SRP and OCP |
| 15 | | Backend LLD: SOLID-2: Liskov's, Interface Segregation, Dependency Inversion |
| 16 | | Backend LLD: Design Patterns: Introduction and Singleton |
| - 17 | | Backend LLD: Design Patterns: Builder |
| 18 | | Backend LLD: Design Patterns: Prototype and Registry |
| 19 | Design Principles and Patterns | Backend LLD: Design Patterns: Factory |
| 20 | | Backend LLD: Design Patterns: Adapter and Facade Design Pattern |
| 2 | | Backend LLD: Design Patterns: Decorator and Flyweight Design Pattern |
| 2: | | Backend LLD: Design Patterns: Behavioural Design Pattern |
| | | |
| 2: | | |
| | | Backend LLD: Contest - 2: Design Principles and Design Patterns |
| 24 | | Backend LLD: How to approach Design Problems |
| 2 | | Backend LLD: Design TicTacToe |
| 24 | | Backend LLD: Code TicTacToe - 1 |
| 27 | | Backend LLD: Code TicTacToe - 2 |
| 21 | | Backend LLD: Design a Parking Lot |
| 21 | | Backend LLD: Code Parking Lot (MVC Application) |
| 34 | | Backend LLD: Code Parking Lot - 2 |
| 3. | | Backend LLD: Design BookMyShow |
| 32 | | Backend LLD: Code BookMyShow (Introduction to Spring Boot) |
| 3: | | Backend LLD: Code BookMyShow 2 (Command Line Input) |
| 34 | | Backend LLD: HTTP and API Design |
| 3 | | Backend LLD: Design Splitwise |
| 34 | | Backend LLD: Code Splitwise - 1 |
| 37 | | Backend LLD: Code Splitwise - 2 - Unit Testing |
| | | |
| 31 | | |
| | | Backend LLD: Contest - 3: Machine Coding |
| | | |
| | | |

| Inter to ODPs |
|---------------------------------------------|
| Doject ouverted Programming |
| |
| |
| Programming Paradigms: |
| , |
| Style of writing code |
| |
| stuncturing organizing |
| |
| |
| |
| Some rounion. |
| _ |
| Simperative -> assembly BASIC |
| |
| Procedural -> C, Pascal |
| , o, market |
| Haskele functions -> that |
| class citizens |
| (a) sulmative - SQL - specify what you wave |
| |
| S OOPs → Java But don't epicify |
| ham |
| |
| Man to - take in 80. |
| Make tea -> Get water in four |
| fleat ity sugar show patts' |
| Sugar, Man Patt? |
| (Prup the Pan()) |
| |
| |
| Suga |
| Add ingredien () |
| putte. |
| Table's a decree |
| Wait and hear |



