

### **Detailed notes for Backend LLD 1 Module**

<b>Class Title</b>	<b>Notes link</b>
OOP-1: Intro to LLD and OOP	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/01-oop-introduction.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/01-oop-introduction.md</a>
OOP-2: Access Modifiers and Constructors	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/02-access-modifiers-constructors.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/02-access-modifiers-constructors.md</a>
OOP-3: Inheritance and Polymorphism	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/03-inheritance-polymorphism.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/03-inheritance-polymorphism.md</a>
OOP-4: Interfaces, Abstract Classes, Composition, Association	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/05-interfaces-abstract.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/05-interfaces-abstract.md</a>
Concurrency-1: Introduction to Processes and Threads	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/01-os-primer.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/01-os-primer.md</a>
Concurrency-2: Executors and Callables	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/threads-consolidated.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/threads-consolidated.md</a>
Concurrency-3: Introduction to Synchronization	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/04-synchronisation.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/04-synchronisation.md</a>
Concurrency-4: Synchronization with Semaphores	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/03-thread-synchronisation.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/os/notes/03-thread-synchronisation.md</a>
Java Advanced Concepts - 1 [Collections & Generics]	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/07-collections-generics.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/07-collections-generics.md</a>
Java Advanced Concepts - 2 [Exception Handling, Reflection, Annotation]	<a href="https://github.com/kanmaytacker/fundamentals/blob/2023/august/advanced/advanced-concepts/notes/04-exceptions-annotations.md">https://github.com/kanmaytacker/fundamentals/blob/2023/august/advanced/advanced-concepts/notes/04-exceptions-annotations.md</a>
Java Interview Questions	<a href="https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/10-interview-questions.md">https://github.com/kanmaytacker/fundamentals/blob/sq1-march-2023/oop/notes/10-interview-questions.md</a>

### **Revision video for Backend LLD 1 Module**

<b>Topics</b>	<b>Video link</b>
OOPs: Modifiers, Constructor, Inheritance, Polymorphism, Interface, Abstract Classes, Composition, Association	<a href="https://drive.google.com/file/d/1yFRLPJyNrSjxl3JzMVempMAc5Xnw1ULD/view?usp=sharing">https://drive.google.com/file/d/1yFRLPJyNrSjxl3JzMVempMAc5Xnw1ULD/view?usp=sharing</a>
Concurrency: Processes, Threads, Executor, Callables, Synchronization and Semaphores	<a href="https://drive.google.com/file/d/1GVrT6oR8Ghdo3Got3IT66nbUJV_je1jl/view?usp=sharing">https://drive.google.com/file/d/1GVrT6oR8Ghdo3Got3IT66nbUJV_je1jl/view?usp=sharing</a>
Advanced Java: Collection, Generic, Expectation, Handling, Reflection, Annotation	<a href="https://drive.google.com/file/d/1Q6ti2TJdQm4sODIL8ezmwLCxfANi60jA/view?usp=sharing">https://drive.google.com/file/d/1Q6ti2TJdQm4sODIL8ezmwLCxfANi60jA/view?usp=sharing</a>

