**LLD 2 Typed Notes**

| **Class** | **Java** | **Python** |
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| **SOLID-1: SRP and OCP** | [SOLID-1 SRP&OCP.pdf](https://drive.google.com/file/d/1YhuBrJwVZ7CfqBBSM27ZX1ImA7KBBmaW/view?usp=drive_link) | [SOLID principles - SRP and OCP.pdf](https://drive.google.com/file/d/1yhNzjQs4Qm-z5DGAcEnWvpo3gQ1G-L_7/view?usp=drive_link) |
| **SOLID-2: Liskov's, Interface Segregation, Dependency Inversion** | [SOLID-2.pdf](https://drive.google.com/file/d/1q2_I4kPnG4fXlT30qA8E1-OWHs7F0N28/view?usp=drive_link) | [SOLID principles - Liskov, Interface Segregation, and Dependency Inversion.pdf](https://drive.google.com/file/d/1MpJklSzJakHKp4rnnpulRzOxtfvoH7HK/view?usp=drive_link) |
| **Design Patterns: Introduction and Singleton** | [Creational Design Patterns-Singeleton&Builder.pdf](https://drive.google.com/file/d/1yd-fP1wdwaIkydmMPN9h0ZcIsxP16jc1/view?usp=drive_link) | [Creational design patterns - Singleton and Builder.pdf](https://drive.google.com/file/d/13E1zfQ3QUGbM2GPpk0tTCT2ytGCR8QoU/view?usp=sharing) |
| **Design Patterns: Builder** | [Creational Design Patterns-Singeleton&Builder.pdf](https://drive.google.com/file/d/1yd-fP1wdwaIkydmMPN9h0ZcIsxP16jc1/view?usp=drive_link) | [Builder design pattern.pdf](https://drive.google.com/file/d/1iJ2-Tp3m1KriWz2zaZQw62YOopTdNfni/view?usp=sharing) |
| **Design Patterns: Prototype and Registry** | [Prototype&Registry.pdf](https://drive.google.com/file/d/1fGVOm_QBUzaDu_YZU2CG9F6HqQ37hefA/view?usp=drive_link) | [Prototype design pattern.pdf](https://drive.google.com/file/d/1vZyMQ4RM1zE2B5EfJSgELnnzJ3Hv3B2N/view?usp=drive_link) |
| **Design Patterns: Factory** | [Factory.pdf](https://drive.google.com/file/d/12GCIWM1rrzqDA1LZAz2DG6-sIqcqcd6W/view?usp=drive_link)[AbstractFactory&Adapter.pdf](https://drive.google.com/file/d/1kkDtk4woaVb1-4eqcyAZ7wOJ6cbnvR9p/view?usp=drive_link) | [Factory design pattern.pdf](https://drive.google.com/file/d/1nu5hOUCFAj4CRdR-eG4rCLVhQztwPv6R/view?usp=drive_link) |
| **Design Patterns: Adapter and Facade Design Pattern** | [AbstractFactory&Adapter.pdf](https://drive.google.com/file/d/1kkDtk4woaVb1-4eqcyAZ7wOJ6cbnvR9p/view?usp=drive_link)[Facade&Observer.pdf](https://drive.google.com/file/d/1U8EXiELUh3ethTwFo7GFDRgTxJEoOFen/view?usp=drive_link) | [Structural design patterns - Adapter and Facade.pdf](https://drive.google.com/file/d/1dG5QvwnRnY8e5wx-6KKJRgyhDNU1mFCG/view?usp=drive_link) |
| **Design Patterns: Decorator and Flyweight Design Pattern** | [Decorator.pdf](https://drive.google.com/file/d/1HzyKc3AsOyYLJKnDl1DzJzHDLXTDzqkT/view?usp=drive_link)[Adapter&Flyweight.pdf](https://drive.google.com/file/d/1TLmxwE8inOMM66JW1cFOaqKSxMZDaOKh/view?usp=drive_link) | [Decorator and Flyweight.pdf](https://drive.google.com/file/d/1LcQGiUatmqqLOaKWNSnb-Dcr8dGbGOdv/view?usp=drive_link) |
| **Behavioural Design Pattern** | [Observer&Strategy.pdf](https://drive.google.com/file/d/1bSrk6qkVcYTG3_jrioMmN5ot_ILDlvxv/view?usp=drive_link) | [Behavioural design patterns.pdf](https://drive.google.com/file/d/1qzt2L_EpikgQ9bMKNW26ZpB2FtkvqQkb/view?usp=drive_link) |
| **UML Diagrams** | [UMLDiagrams.pdf](https://drive.google.com/file/d/1loJ4fxKU5wa2N2h4d5R64U-9YSrGWzxG/view?usp=drive_link) | [UML - Use case and class diagrams.pdf](https://drive.google.com/file/d/189CoVMqEixAIlZHuMnV3wfxvh0-FR1xY/view?usp=sharing) |