**2. Spring MVC (Model-View-Controller) 1.** **Pagination:**

• **Theory:**

1. **Implementing pagination in Spring MVC to handle large datasets:-**

**Steps to Implement Pagination in Spring MVC**

1️.Modify Repository to Support Pagination

1. Implement Pagination in Service Layer
2. Create Controller to Handle Paginated Requests
3. Create a JSP/Thymeleaf View for Pagination

**2. Using Pageable and Page interfaces in Spring Data JPA:-**

* **Pageable → Represents pagination information (page number, size, sorting).**
* **Page<T> → Encapsulates a list of entities with metadata (total pages, elements, etc.).**