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

• **Theory:**

1. **Implementing basic Create, Read, Update, and Delete functionality in a Spring MVC application:-**

**Create (POST /users/create)** – Adds a new user to the database.

**Read (GET /users)** – Retrieves and displays users.  
 **Update (POST /users/update/{id})** – Modifies user details.  
 **Delete (GET /users/delete/{id})** – Removes a user.

**2.Flow of data between the view, controller, and model:-**

**1.User submits a request** from the **View (JSP/Thymeleaf)**.  
2️.**Controller receives the request** and calls the **Service layer**.  
3️.**Service interacts with the Model (Database)** using **DAO/Repository**.  
4️.**Model returns data** to the **Service**, which passes it back to the **Controller**.  
5️.**Controller sends data to the View** using the **Model object**.  
6️.**View renders the response** and displays it to thse user.