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

• **Theory:**

**1.Using templating engines like Thymeleaf or JSP in Spring MVC applications:-**

**1. Using JSP in Spring MVC**

JSP (JavaServer Pages) is a traditional templating engine for Java-based web applications.

Steps to Use JSP in Spring MVC:

Step 1: Add Dependencies (If using Spring Boot)

Step 2: Configure View Resolver (in application.properties)

properties

Step 3: Create a Controller

Step 4: Create a JSP File (home.jsp)

**2. Using Thymeleaf in Spring MVC**

Step 1: Add Dependencies (If using Spring Boot)

Step 2: Configure View Resolver (Thymeleaf works automatically in templates/ folder, no extra config needed).

Step 3: Create a Controller

Step 4: Create a Thymeleaf Template (home.html)

**2.How template engines help in creating dynamic web pages and separating concerns:-** A template engine (e.g., JSP, Thymeleaf) helps generate dynamic web pages by separating HTML structure from the backend logic, making applications maintainable, scalable, and readable.