Model View Controller, it’s a design pattern

Develop a Spring Web application using Spring MVC

1. Spring web module built on top of Jsp Servlet.
2. Model - .java
3. Views -- .html, .jsp
4. Controllers- servlet .java

Server

HttpRequest

Controller

Client

View

HttpResponse

Model

1. Front Controller – DispatcherServlet
2. ViewResolver
3. Controller
4. Handler Methods
5. Views

View

Resolver

V1

V2

Controller 1

Method1

Controller 2

FrontController

DispatcherServlet

Client

HttpServletRequest

Steps for Implementing Spring MVC

1. Configure Front Controller (DispatcherServlet) – web.xml
2. Configure View Resolver
   1. Prefix
   2. suffix
3. We will have to create controllers and add Handler methods.
4. Create views for display

Scriptlet 🡪 we can write java code.

Controller

@RequestParam

1. DisptacherServlet
2. ViewReoslver
3. Controller
4. HandlerMethods
5. For sending data from view(jsp) to controller (java file) we can use
   1. @RequestParam
   2. @ModelAttribute
6. For Sending data from controller to view
   1. Model class
   2. ModelAndViewClass
7. We have seen jstl, expression language, scriptlet