

# JSP vs Servlet

## #1. Definition

### JSP



A JSP is a text document which comprises two types of text: static data and dynamic data. The static data can be represented in any text-based format (like HTML, XML, SVG, and WML), and the dynamic content can be expressed by JSP elements.

### Servlet



A servlet is a Java class which is used to extend the abilities of servers that host applications accessed by means of a request-response model. Servlets are essentially used to extend the applications hosted by web servers, yet, they can respond to different types of requests too. For such applications, HTTP-specific servlet classes are specified by Java Servlet technology.

## #2. Session Management

### JSP



Session management is automatically enabled in JSP.

### Servlet



In Servlet, by default session management is disabled, the user has to enable it explicitly.

## #3. MVC Pattern

### JSP



In MVC pattern, JSP is used for displaying output data i.e. in MVC it is a view.

### Servlet



Servlet plays a controller role in MVC pattern.

## #4. Performance

### JSP



JSP is slower than Servlet because the initial step in JSP lifecycle is the translation of JSP to java code also then compile.

### Servlet



In Performance, Servlet is faster than JSP.

## #5. Package

### JSP



In JSP, package imported wherever top, middle and bottom.

### Servlet



In Servlet, every package needs to be imported on top of the servlet.