**JSP**  🡺 logic within Content

**Sublet** 🡺 Content within logic

Java ফাইলগুলো source package a

JSP ফাইলগুলো web package a

Java==> Compiler ==>Interpreter

Sublet ==>Class

JSP==>implementation Sublet

**Basic Component of JSP**

1. Scripting Element.

2. Directive

3. Action Element

4. Implicit Object

**Scripting Element**

1. Expiration: <%= ( 2 + 2 ) %>

2. Declaration <%! int i=0; %>

3. Script let <% %>

4. Comment <%-- --%>

<% if(x>10){ %>

<input type=text>

<% }else{ %>

<% } %>

**Directive**

1. page: <% @ page import=java.util.date %>

(vary first line before the doctype line. could be multiple but with unique attribute)

2. include: <%@ include file=”header.jsp” %>

(anywhere line include. could be multiple)

3. tag lib: <%@ tag lib uri=” “ prefix=”c” %>

(the location of the using library)

**Action Element**

<jsp: include page = “-----.jsp” >

have 18 element here :

**Most of the element are :**

getProperty

setProperty

useBean

include

param

forward

**Others of the element:**

body

attribute

expression

scripting

**Implicit Object**

have 8 element here :

javax.sublet

jsp.write

out.print();

**The element are :**

request

respons

config

application

session

page

out

pageContext

**Life Cycle of JSP**

1. Transition

2. initialization

3. execution

4. finalization

**Architecture**

**Model –(1)**

page continue

V+M

**Model –(2)**

MVC

|  |  |
| --- | --- |
| M | Model as like as a java file. have some getar and setr. model are store multiple value in. |
| V | view as a JSP page. have a form and java file. only show the contain. it give the object to M or C |
| C | It is Sublet. are checking the condition of the calling. if true then create a new view |