Practical No. 15

Aim :- Create, debuge and execute program based on java server pages. (JSP)
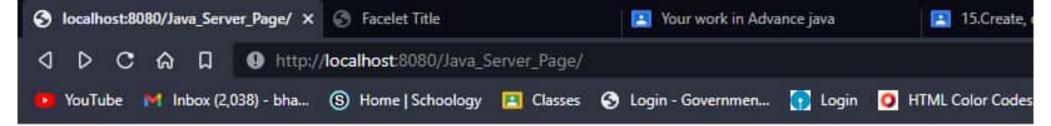
Theory :- Java Server Page is a server-side programming technology that enables the creation of dynamic, platform, independant method for building web-based applications JSP have access to the entire family of java APIs including JSP page contists of HTML tags and JSP tags. Also they are easiere to maintein than sonvlet
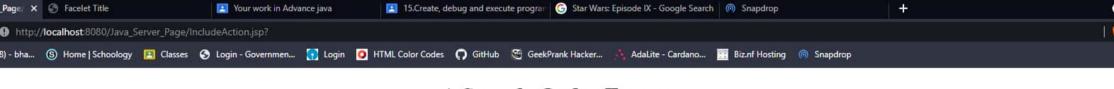
lifecycle of a JSP Pages

* Translation of JSP
* Compilation of JSP-
* classloading
* Instrantiation
* Initialization
* Request Processing
* Destroy

```jsp
<%--
    Document    : IncludeAction
    Created on : 26 Jun, 2021, 5:24:16 PM
    Author     : BHT-TK-001
--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<body>

<H1 ALIGN="center">A Sample Order Form</H1>
<%!
    int Sr_No[] = {1,2,3,4,5,6,7,8,9};
    String Episode_No[] = {"I","II","III","VI","V","VI","VII","VIII","IX"};
    String Movie_Name[] = {"A Phantom Menace","Attack of the Clones","Revenge of the Sith","A New Hope","The Empire Strikes Back","The Return of the Jedi","The Force A
    int Release_Date[] = {1999,2002,2005,1977,1980,1983,2015,2017,2019};
%>
<TABLE ALIGN="center" BGCOLOR="lightgray" BORDER="1" WIDTH="75%">
<TR><TD>Sr No.</TD>
<TD>Episode no.</TD>
<TD>Movie Name</TD>
<TD>Release Date</TD>
</TR>
<% for (int i=0; i<9; i++) { %>
    <TR><TD><%= Sr_No[i] %></TD>
    <TD><%= Episode_No[i] %></TD>
    <TD><%= Movie_Name[i] %></TD>
    <TD><%= Release_Date[i] %></TD>

<% } //end for loop %>
</TABLE>
</body>
</html>
```

```
13    <%!
14        int Sr_No[] = {1,2,3,4,5,6,7,8,9};
15        String Episode No[] = {
```

html > body > TABLE > TR > TD >

index.html X

Source History

```
1    <!DOCTYPE html>
2    <!--
3    To change this license header, choose License Headers in Project Properties.
4    To change this template file, choose Tools | Templates
5    and open the template in the editor.
6    -->
7    <html>
8    <body>
9    <form action="IncludeAction.jsp">
10   <pl>To Open the Table:</pl>
11   <input type="submit" value="Click Here">
12   </form>
13   </body>
14   </html>
```

To Open the Table: Click Here

_Page/ × | Facelet Title | Your work in Advance java | 15.Create, debug and execute progra | Star Wars: Episode IX - Google Search | Snapdrop | +

http://localhost:8080/Java_Server_Page/IncludeAction.jsp?

8) - bha... | Home | Schoology | Classes | Login - Governmen... | Login | HTML Color Codes | GitHub | GeekPrank Hacker... | AdaLite - Cardano... | Biz.nf Hosting | Snapdrop

A Sample Order Form

Sr No.	Episode no.	Movie Name	Release Date
1	I	A Phantom Menace	1999
2	II	Attack of the Clones	2002
3	III	Revenge of the Sith	2005
4	VI	A New Hope	1977
5	V	The Empire Strikes Back	1980
6	VI	The Return of the Jedi	1983
7	VII	The Force Awakens	2015
8	VIII	The Last Jedi	2017
9	IX	The Rise of Skywalker	2019