Write a program to configure JSP with Eclipse and Creating a Simple JSP Page.?

1.Open Eclipse

2.Create a new Web dynamic project

3.Convert this project into maven project.{optional)

4.Click New File ,and choose Jsp file

5.create a new jsp file like demo.jsp

Write a program to demonstrate the function of JSP Implicit Objects. ?

Out :- is like printwriter in servlt ;

Request :- It is same HttpRequest in servlet ;To get a request from client

Response : It is same as HttpResponse in servlet ;To send response by server or database or from controller.

Login.jsp :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"check.jsp"* method=*"post"*>

<label>EMAIL ID </label>

<input type=*"email"* name=*"emailid"*><br>

<label>Password </label>

<input type=*"password"* name=*"password"*><br>

<input type=*"submit"* value=*"submit"*>

<input type=*"reset"* value=*"reset"*>

</form>

</body>

</html>

Check.jsp :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*,java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%! String emailid,password; %>

<%

/\*

try{

Class.forName("");

Connection con = DriverManager.getConnection("","","");

}

catch(Exception e){

}\*/

emailid = request.getParameter("emailid");

password = request.getParameter("password");

//RequestDispatcher rd = request.getRequestDispatcher("home.jsp");

//RequestDispatcher rd1 = request.getRequestDispatcher("login.jsp");

**if**(emailid.equals("raj@hz.com") && password.equals("123")){

out.println("Successfully login");

request.setAttribute("obj",emailid);

//rd.forward(request,response);

%>

<jsp:forward page=*"home.jsp"*></jsp:forward>

<%

}

**else**{

out.println("Try again");

//rd.include(request,response);

%>

<jsp:include page=*"login.jsp"*></jsp:include>

<%

}

%>

</body>

</html>

Write a program to demonstrate the use of JSP Directives ?

It is tag ,in which we declare our variables.

Code :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%! **int** a,b,sum; %>

<%a=2;

b=3;

sum=a+b;

%>

<font color=*"red"*>sum of a and b is <%= sum %></font>

</body>

</html>

Write a program to demonstrate the use of JSP action tags.?

Login.jsp :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"check.jsp"* method=*"post"*>

<label>EMAIL ID </label>

<input type=*"email"* name=*"emailid"*><br>

<label>Password </label>

<input type=*"password"* name=*"password"*><br>

<input type=*"submit"* value=*"submit"*>

<input type=*"reset"* value=*"reset"*>

</form>

</body>

</html>

Check.jsp code :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.sql.\*,java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%! String emailid,password; %>

<%

/\*

try{

Class.forName("");

Connection con = DriverManager.getConnection("","","");

}

catch(Exception e){

}\*/

emailid = request.getParameter("emailid");

password = request.getParameter("password");

//RequestDispatcher rd = request.getRequestDispatcher("home.jsp");

//RequestDispatcher rd1 = request.getRequestDispatcher("login.jsp");

**if**(emailid.equals("raj@hz.com") && password.equals("123")){

out.println("Successfully login");

request.setAttribute("obj",emailid);

//rd.forward(request,response);

%>

<jsp:forward page=*"home.jsp"*></jsp:forward>

<%

}

**else**{

out.println("Try again");

//rd.include(request,response);

%>

<jsp:include page=*"login.jsp"*></jsp:include>

<%

}

%>

</body>

</html>

Write a program to demonstrate session handling in JSP. ?

stName.jsp :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"addStdName.jsp"* method=*"post"*>

<label>Name</label>

<input type=*"text"* name=*"stdname"*><br>

<input type=*"submit"* value=*"submit"*>

<input type=*"reset"* value=*"reset"*>

</form>

</body>

</html>

addstdNmae.jsp :-

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@ page import=*"java.util.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%!String stdName; %>

<%

Object obj = session.getAttribute("obj");

List<String> listOfStd;

**if**(obj == **null**){

listOfStd = **new** ArrayList<String>();

stdName = request.getParameter("stdname");

listOfStd.add(stdName);

session.setAttribute("obj",listOfStd);

}

**else**{

stdName = request.getParameter("stdname");

listOfStd = (List<String>)session.getAttribute("obj");

listOfStd.add(stdName);

**for**(String s:listOfStd){

out.print("<h2> Name is "+s+"</h2>");

}

}

//out.println("Hello! Your name "+stdName);

%>

<%@include file=*"stdName.jsp"* %>

</body>

</html>