

Dt : 28/3/2024

***imp**

JSP Programming:

=>JSP stands for 'Java Server page' and which is response from Web Application.

=>JSP is a tag-based programming language and which is more simple when compared to Servlet-programming.

=>In JSP the programs are saved with (.jsp) as an extension.

=>JSP program is collection of HTML code and JavaCode(ServletCode)

=>The following are some important JSP tags to write JavaCode in JSP programs:

1.Scripting Tags

2.Directive Tags

3.Action Tags

1.Scripting Tags:

=>Scripting tags are used to write Normal code in JSP programs.

=>Types:

(a)Scriptlet tag

(b)Expression tag

(c)Declarative tag

(a)Scriptlet tag:

=>Scriptlet tag is used to write JavaCode or ServletCode in JSP programs

syntax:

<% code %>

(b)Expression tag:

=>Expression tag is used to send data to WebBrowser directly or used to assign value to variable

syntax:

<%= data/value %>

(c)Declarative tag:

=>Declarative tag is used to declare variables and methods in JSP programs.

syntax:

<%!

Variables

Methods

%>

2.Directive Tags:

=>Directive tags will specify the components to be added to the current running JSP programs.

=>Types:

(a)@page

(b)@include

(c)@taglib

(a)@page:

=>@page will specify language used in jsp,setContentType,include,...

(Information about current running JSP page)

(b)@include:

=>@include will specify the include operation to Current running JSP program

(c)@taglib:

=>@taglib is used link external libraries to current running JSP Program

3.Action Tags:

=>Actions tags are used to perform some actions(operations) in JSP programs

=>Types:

(a)<jsp:forward>

- (b)<jsp:include>
 - (c)<jsp:param>
 - (d)<jsp:useBean>
 - (e)<jsp:setProperty>
 - (f)<jsp:getProperty>
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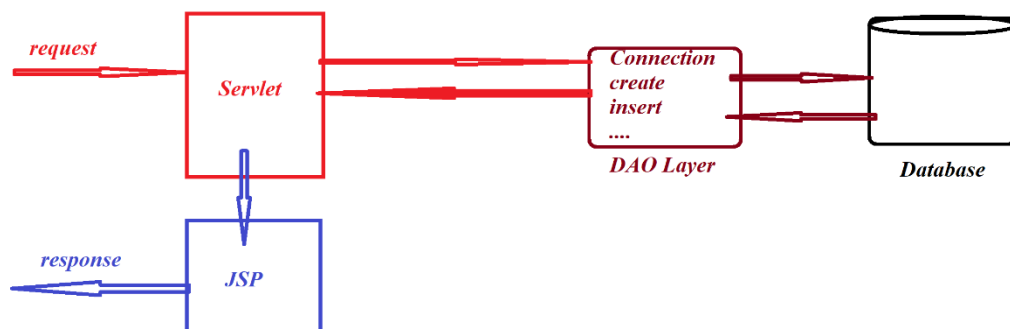
faq:

define DAO?

=>DAO stands for 'Data Access Object' and which is Separate layer in MVC(Model View Controller)

to hold Database related logics(Persistent Logics)

Diagram:



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faq:

define Bean Class?

=>The class which is constructed with the following rules is known as Bean Class

Rule-1 : The class must be implemented from 'java.io.Serializable' interface

Rule-2 : The variables declared in the class must be private-variables

Rule-3 : The class must be declared with 0-argument Constructor or 0-parameter Constructor

Rule-4 : The class must be declared with 'Setter' and 'Getter' methods

Note:

=>These Bean classes will generate Bean-objects,and these Bean-objects will hold the data

going onto DB Product and which are also used to hold data coming from DB Product.

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