Phase 2

Day 8

Sharing the data between servlet to jsp or vice-versa.

In core java if we want to access any variable value in another class we will create object of that class.

But in web application object creation of servlet and jsp taken care by web container.

1. Page scope or servlet scope : by default the variable part of jsp or servlet consider as page scope or servlet scope. Means we can access those value within that page.
2. Request scope : request.setAttribute(“key”,value); in source page set the value in request scope. Then in target page the value using

request.getAttribute(“key”);

value can be string, int, float or user defined object or list of object.

ReqeustDispatch rd = request.getRequestDispatch(“TargetPge”);

rd.include(request,response); : source + target page merge as one page

rd.forward(request,response); : only target page output.

response.sendRedirect(“targetPage”): only target page output

forward vs sendRedirect

it is request object method response object method

it maintain old request it generate new

request didn’t destroy request.

We can navigate within same we can navigate same page as well

Application as outside the application.

1. Session scope : in servlet we need create session object using syntax as

HttpSession hs = request.getSession();

But in JSP already provided implicit object as session

MVC : Model View Controller

Two operation on product entity

Table -> pid, pname, price, url etc.

View --🡪 HTML, JSP

index.jsp, product.jsp

Controller --🡪 Servlet ProductController doGet and doPost method

Model ---🡪 Normal class

Product entity , ProductService, ProductDao and

Resource class provide sessionfactory or connection details.

Create dynamic web project with version 3.1 with web.xml file required option.

Convert this project to maven project.

Product

Pid PName Price qty

Orders

OId emaid(FK) pid(PK)