*Dt : 19/2/2025*

*ViewAllProducts.jsp(Modified Code)*

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="test.*,java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab = (AdminBean)session.getAttribute("abean");
ArrayList<ProductBean> al =
(ArrayList<ProductBean>)session.getAttribute("alist");
out.println("Page Belongs to Admin : "+ab.getfName()+"<br>");
if(al.size()==0){
    out.println("Prodcuts not available...<br>");
}else{
    Iterator<ProductBean> it = al.iterator();
    while(it.hasNext()){
    ProductBean pb = (ProductBean)it.next();
    out.println(pb.getCode()+"&nbsp&nbsp"
            +pb.getName()+"&nbsp&nbsp"
            +pb.getPrice()+"&nbsp&nbsp"
            +pb.getQty()+"&nbsp&nbsp"
            +"<a
href='edit?pcode="+pb.getCode()+"'>Edit</a>"+"&nbsp&nbsp"
            +"<a
href='delete?pcode="+pb.getCode()+"'>Delete</a>"+"<br>");
    }
}
%>
<a href="Product.html">AddProduct</a>
<a href="Logout">Logout</a>
</body>
</html>
```

*EditProduct.jsp(Modified Code)*

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="test.*"%>
<!DOCTYPE html>
<html>
```

```html
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab = (AdminBean)session.getAttribute("abean");
ProductBean pb = (ProductBean)request.getAttribute("pbean");
out.println("Page Belongs to Admin : "+ab.getfName()+"<br>");
%>
<form action="update" method="post">
<input type="hidden" name="pcode" value=<%= pb.getCode() %>>
ProductPrice:<input type="text" name="price" value=<%= pb.getPrice() %>><br>
ProductQty:<input type="text" name="qty" value=<%= pb.getQty() %>><br>
<input type="submit" value="UpdateProduct">
</form>
</body>
</html>
```

**UpdateProductDAO.java**

```java
package test;
import java.sql.*;
public class UpdateProductDAO {
    public int k=0;
    public int update(ProductBean pb) {
        try {
            Connection con = DBConnection.getCon();
            PreparedStatement ps = con.prepareStatement
                        ("update Product70 set price=?,qty=? where
code=?");
            ps.setFloat(1, pb.getPrice());
            ps.setInt(2, pb.getQty());
            ps.setString(3, pb.getCode());
            k = ps.executeUpdate();
        }catch(Exception e) {
            e.printStackTrace();
        }
        return k;
    }
}
```

**UpdateProductServlet.java**

```java
package test;
```

```java
import java.io.*;

import java.util.*;

import jakarta.servlet.*;

import jakarta.servlet.http.*;

import jakarta.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/update")

public class UpdateProductServlet extends HttpServlet

{

    @SuppressWarnings("unchecked")

        @Override

        protected void doPost(HttpServletRequest req,HttpServletResponse res)throws

    ServletException,IOException

    {

        HttpSession hs = req.getSession(false);

        if(hs==null) {

                req.setAttribute("msg","Session Expired...<br>");

                req.getRequestDispatcher("Msg.jsp").forward(req, res);

        }else {

                ArrayList<ProductBean> al = (ArrayList<ProductBean>)hs.getAttribute("alist");

                String pC = req.getParameter("pcode");

                Iterator<ProductBean> it = al.iterator();

                while(it.hasNext()) {

                        ProductBean pb = (ProductBean)it.next();

                        if(pC.equals(pb.getCode())) {
```

```java
                              pb.setPrice(Float.parseFloat(req.getParameter("price")));

                              pb.setQty(Integer.parseInt(req.getParameter("qty")));

                              int k = new UpdateProductDAO().update(pb);

                              if(k>0) {

                                      req.setAttribute("msg","Product Updated Successfully...<br>");

                                      req.getRequestDispatcher("UpdateProduct.jsp").forward(req,
res);

                              }//end of

                              break;

                      }//end of if

              }//end of loop

        }

    }

}
```

**UpdateProduct.jsp**

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"
    import="test.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%
AdminBean ab = (AdminBean)session.getAttribute("abean");
String msg = (String)request.getAttribute("msg");
```

```jsp
out.println("Page belongs to Admin : "+ab.getfName()+"<br>");
out.println(msg);
%>
<a href="Product.html">AddProduct</a>
<a href="view">ViewAllProducts</a>
<a href="Logout">Logout</a>
</body>
</html>
```

AdminLogoutServlet.java

```java
package test;

import java.io.*;

import jakarta.servlet.*;

import jakarta.servlet.http.*;

import jakarta.servlet.annotation.*;

@SuppressWarnings("serial")

@WebServlet("/logout")

public class AdminLogoutServlet extends HttpServlet

{

        @Override

    protected void doGet(HttpServletRequest req,HttpServletResponse res)throws

    ServletException,IOException

    {

        HttpSession hs = req.getSession(false);

        if(hs==null) {

                req.setAttribute("msg","Session Expired...<br>");
```

```java
            req.getRequestDispatcher("Msg.jsp").forward(req, res);

    }else {

            hs.removeAttribute("abean");

            hs.removeAttribute("alist");

            req.setAttribute("msg","Admin LoggedOut Successfully...<br>");

            req.getRequestDispatcher("AdminLogout.jsp").forward(req, res);

    }

 }

}
```

**AdminLogout.jsp**

```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>
<%
String msg = (String)request.getAttribute("msg");
session.invalidate();
out.println(msg);
%>
<%@include file="home.html" %>
</body>
</html>
```

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