**ADVANCE JAVA (3360707)**



**VVP**

**Engineering**

**College**

Submitted by: **DISHEN MAKWANA**

**180470107035**

**G2**

V.V.P. ENGINEERING COLLEGE, RAJKOT

**Department Of Computer Engineering**

# Vision of the Department

Transforming students into globally efficient professionals with moral values.

# Mission of the Department

To provide a strong foundation of computer engineering through effective teaching learning process.

To enhance industry linkage & alumni network for better placement and real-world exposure.

To provide various opportunities & platforms for all round development of students & encourage them for value-based practices.

**Assignment - 1**

1. **Write a TextBrowser to fetch remote web page content using URL and URLConnection class.**

import java.io.InputStream;

import java.net.URL;

import java.net.URLConnection;

import java.util.ArrayList;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class TextBrowser {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter url you want to search : ");

String urls = sc.nextLine();

try {

// URL homepage = new URL("https://www.gtu.ac.in/");

URL homepage = new URL(urls);

URLConnection homepageconnection = homepage.openConnection();

System.out.println("Content Length : " + homepageconnection.getContentLength());

System.out.println("Content Encoding : " + homepageconnection.getContentEncoding());

System.out.println("Content Type : " + homepageconnection.getContentType());

InputStream connection = homepageconnection.getInputStream();

int c;

String content = "";

while ((c = connection.read()) != -1) {

content += (char) c;

}

// System.out.println("Content : " + content);

ArrayList<String> result = new ArrayList<>();

String regex = "(https?|ftp|file)://[-a-zA-Z0-9+&@#/%?=~\_|!:,.;]\*[-a-zA-Z0-9+&@#/%=~\_|]";

// String regex = "<a\\s+(?:[^>]\*?\\s+)?href=([\"'])(.\*?)\\1";

Pattern p = Pattern.compile(regex);

Matcher m = p.matcher(content);

while (m.find()) {

result.add(m.group());

}

for (String l : result) {

System.out.println(l);

}

System.out.println("Total Links Are : " + result.size());

connection.close();

} catch (Exception e) {

System.out.println("Connection Error!");

}

}

}

1. **Write a P2P chat application.**

import java.io.InputStream;

import java.io.OutputStream;

import java.net.ServerSocket;

import java.net.Socket;

import java.util.Scanner;

public class Chat {

public static void main(String[] args) throws Exception {

Scanner in = new Scanner(System.in);

String host = "";

int port = 0;

String im = "";

System.out.println("Enter port you want to start : ");

int serverPort = Integer.parseInt(in.nextLine());

System.out.println("Server started Listening on port " + serverPort + "...!");

new ChatServer(serverPort);

while (true) {

if (host.equals("")) {

System.out.println("Enter cool Name : ");

im = in.nextLine();

host = "localhost";

System.out.println("Enter Port to chat with : ");

port = in.nextInt();

}

String msg = im + ": " + in.nextLine();

send(msg, host, port);

}

}

public static void send(String msg, String rhost, int rport) throws Exception {

Socket client = new Socket(rhost, rport);

OutputStream os = client.getOutputStream();

os.write(msg.getBytes());

client.close();

}

}

class ChatServer implements Runnable {

int port = 0;

public ChatServer(int port) {

this.port = port;

Thread t = new Thread(this);

t.start();

}

@Override

public void run() {

receive();

}

public void receive() {

try {

ServerSocket server = new ServerSocket(port);

while (true) {

Socket client = server.accept();

InputStream is = client.getInputStream();

int c;

String msg = "";

while ((c = is.read()) != -1) {

msg += (char) c;

}

System.out.println(msg);

}

} catch (Exception e) {

e.printStackTrace();

}

}

}

1. **Write a program to generate reverse string using Socket and ServerSocket class.**

**Client :**

// First run Server.java File with any port number and use that port to connect with client to get Reverse String of Input.

import java.io.\*;

import java.net.Socket;

import java.util.Scanner;

public class ReverseString {

public static void main(String[] args) throws Exception {

try {

Scanner sc = new Scanner(System.in);

System.out.print("Enter your port : ");

int port = sc.nextInt();

sc.nextLine();

Socket s = new Socket("localhost", port);

if (s.isConnected()) {

System.out.println("Connected to Server....");

}

while (true) {

System.out.print("Enter String to reverse : ");

String inputStr = sc.nextLine();

DataOutputStream dataOut = new DataOutputStream(s.getOutputStream());

dataOut.writeUTF(inputStr);

DataInputStream dataIn = new DataInputStream(s.getInputStream());

String revStr = dataIn.readUTF();

System.out.println("Reversed String : " + revStr);

System.out.println();

}

} catch (Exception e) {

System.out.println("Client System Error!\n" + e);

}

}

}

**Server :**

// This server is for ReverseString Program.

import java.io.DataInputStream;

import java.io.DataOutputStream;

import java.net.ServerSocket;

import java.net.Socket;

import java.util.Scanner;

import static java.lang.Integer.parseInt;

public class Server {

public static void main(String[] args) throws Exception {

try {

Scanner sc = new Scanner(System.in);

System.out.print("Enter Port Number : ");

int port = sc.nextInt();

sc.nextLine();

System.out.println("Server is running ... !");

ServerSocket ss = new ServerSocket(port);

new ChatServers(ss.accept());

} catch (Exception e) {

System.out.println("Server Error : " + e);

}

}

}

class ChatServers extends Thread {

Socket s;

public ChatServers(Socket socket) {

s = socket;

Thread t = new Thread(this);

t.start();

}

@Override

public void run() {

receive();

}

public void receive() {

try {

while (true) {

DataInputStream dataIn = new DataInputStream(s.getInputStream());

String str = dataIn.readUTF();

StringBuffer rev = new StringBuffer();

rev.append(str);

rev = rev.reverse();

String revStr = new String(rev);

DataOutputStream dataOut = new DataOutputStream(s.getOutputStream());

dataOut.writeUTF(revStr);

}

} catch (Exception e) {

System.out.println("Server Error \n" + e); } } }

**Assignment - 2**

1. **Write a servlet controller for login module.**

**LoginController :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class LoginController extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

String uName = request.getParameter("username");

String pwd = request.getParameter("password");

HttpSession session = request.getSession();

if (uName.equals("admin") && pwd.equals("12345")) {

session.setAttribute("User", "admin");

Cookie c = new Cookie("cookie\_text", "admin");

c.setMaxAge(60 \* 60 \* 24 \* 15);

response.addCookie(c);

// response.sendRedirect("table.html");

response.sendRedirect("table.jsp");

} else {

// response.sendRedirect("login.html");

response.sendRedirect("login.jsp?msg=Something is Wrong, Check you Username and Password and Try Again.");

}

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

} }

1. **Write a program to generate multiplication Table.**

**TableController :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class TableController extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

HttpSession session = request.getSession();

if (session.getAttribute("User") == null) {

response.sendRedirect("login.html");

} else {

/\* TODO output your page here. You may use following sample code. \*/

int number = Integer.parseInt(request.getParameter("number"));

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet Multiplication</title>");

out.println("</head>");

out.println("<body>");

out.println("<h1 align='center' >Generated Table</h1>");

out.println("<h3 align='center' >Number : " + number + "</h3>");

out.println("<table align='center' border='1' >");

for (int i = 1; i < 11; i++) {

out.println("<tr>");

out.println("<td>");

out.println(" " + number + " x " + i + " = " + number \* i + " ");

out.println("</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("</body>");

out.println("</html>");

}

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the

// + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

1. **Write a Servlet that counts number of hits of a particular page.**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class Visitor extends HttpServlet {

private int visitorCounter;

public void init() {

// Reset hit counter.

visitorCounter = 0;

}

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

visitorCounter++;

HttpSession session = request.getSession();

out.println(“<h3>Visitors: " + visitorCounter + "</h3>\n");

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**Assignment - 3**

1. **Develop eCommerce application using Servlet and HTML.**

**Index.html :**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>Ecommerce</title>

<meta content="" name="description">

<meta content="" name="keywords">

<!-- Favicons -->

<link href="assets/img/favicon.png" rel="icon">

<link href="assets/img/apple-touch-icon.png" rel="apple-touch-icon">

<!-- Google Fonts -->

<link

href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Roboto:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i"

rel="stylesheet">

<!-- Vendor CSS Files -->

<link href="assets/vendor/aos/aos.css" rel="stylesheet">

<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">

<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">

<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">

<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->

<link href="assets/css/style.css" rel="stylesheet">

</head>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="index\_1.html">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="index\_1.html" class="logo"><img src="assets/img/logo.png" alt=""></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto active" href="index\_1.html">Home</a></li>

<li><a class="nav-link scrollto " href="#portfolio">Portfolio</a></li>

<li><a class="nav-link scrollto" href="#footer">Contact</a></li>

<li><a class="nav-link scrollto" href="viewcart.do">View Cart</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav><!-- navbar -->

</div>

</header><!-- End Header -->

<main id="main">

<!-- ======= Portfolio Section ======= -->

<section id="portfolio" class="portfolio">

<div class="container" data-aos="fade-up">

<div class="section-title">

<h2>Portfolio</h2>

<h3>Check our <span>Portfolio</span></h3>

<p>Ut possimus qui ut temporibus culpa velit eveniet modi omnis est adipisci expedita at voluptas

atque vitae

autem.</p>

</div>

<div class="row" data-aos="fade-up" data-aos-delay="100">

<div class="col-lg-12 d-flex justify-content-center">

<ul id="portfolio-flters">

<li data-filter="\*" class="filter-active">All</li>

<li data-filter=".filter-app">App</li>

<li data-filter=".filter-card">Card</li>

<li data-filter=".filter-web">Web</li>

</ul>

</div>

</div>

<div class="row portfolio-container" data-aos="fade-up" data-aos-delay="200">

<div class="col-lg-4 col-md-6 portfolio-item filter-app">

<img src="assets/img/portfolio/portfolio-1.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 1</h4>

<p>$ 450</p>

<a href="assets/img/portfolio/portfolio-1.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="App 1"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="get">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="1" />

<!--<input type="hidden" name="price" value="450" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-web">

<img src="assets/img/portfolio/portfolio-2.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 2</h4>

<p> $ 660</p>

<a href="assets/img/portfolio/portfolio-2.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Web 3"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="get">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="2" />

<!--<input type="hidden" name="price" value="660" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-app">

<img src="assets/img/portfolio/portfolio-3.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 3</h4>

<p> $ 300</p>

<a href="assets/img/portfolio/portfolio-3.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="App 2"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="3" />

<!--<input type="hidden" name="price" value="300" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-card">

<img src="assets/img/portfolio/portfolio-4.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 4</h4>

<p> $ 1000</p>

<a href="assets/img/portfolio/portfolio-4.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Card 2"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="4" />

<!--<input type="hidden" name="price" value="1000" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-web">

<img src="assets/img/portfolio/portfolio-5.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 5</h4>

<p> $ 840</p>

<a href="assets/img/portfolio/portfolio-5.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Web 2"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="5" />

<!--<input type="hidden" name="price" value="840" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-app">

<img src="assets/img/portfolio/portfolio-6.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 6</h4>

<p> $ 710</p>

<a href="assets/img/portfolio/portfolio-6.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="App 3"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="6" />

<!--<input type="hidden" name="price" value="710" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-card">

<img src="assets/img/portfolio/portfolio-7.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 7</h4>

<p>$ 250</p>

<a href="assets/img/portfolio/portfolio-7.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Card 1"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="7" />

<!--<input type="hidden" name="price" value="250" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-card">

<img src="assets/img/portfolio/portfolio-8.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 8</h4>

<p>$ 72</p>

<a href="assets/img/portfolio/portfolio-8.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Card 3"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="8" />

<!--<input type="hidden" name="price" value="72" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

<div class="col-lg-4 col-md-6 portfolio-item filter-web">

<img src="assets/img/portfolio/portfolio-9.jpg" class="img-fluid" alt="">

<div class="portfolio-info">

<h4>App 9</h4>

<p>$ 350</p>

<a href="assets/img/portfolio/portfolio-9.jpg" data-gallery="portfolioGallery"

class="portfolio-lightbox preview-link" title="Web 3"><i class="bx bx-plus"></i></a>

<a href="portfolio-details.html" class="details-link" title="More Details"><i class="bx bx-link"></i></a>

<br>

<form action="addtocart.do" method="post">

<input type="number" name="qty" value="1" />

<input type="hidden" name="pid" value="9" />

<!--<input type="hidden" name="price" value="350" />-->

<input type="submit" value="Add to Cart" />

</form>

</div>

</div>

</div>

</div>

</section><!-- End Portfolio Section -->

</main><!-- End #main -->

<!-- ======= Footer ======= -->

<footer id="footer">

<div class="footer-newsletter">

<div class="container">

<div class="row justify-content-center">

<div class="col-lg-6">

<h4>Login</h4>

<form action="elogin.do" method="post">

<label for="username" />Username :

<input type="text" name="username" />

<label for="password" />Password :

<input type="password" name="password" />

<input type="submit" value="Login" />

</form>

</div>

</div>

</div>

</div>

<!-- ======= Contact Section ======= -->

<section id="contact" class="contact">

<div class="container" data-aos="fade-up">

<div class="section-title">

<h2>Contact</h2>

<h3><span>Contact Us</span></h3>

<p>Ut possimus qui ut temporibus culpa velit eveniet modi omnis est adipisci expedita at voluptas

atque vitae autem.</p>

</div>

<div class="row" data-aos="fade-up" data-aos-delay="100">

<div class="col-lg-6">

<div class="info-box mb-4">

<i class="bx bx-map"></i>

<h3>Our Address</h3>

<p>A108 Adam Street, New York, NY 535022</p>

</div>

</div>

<div class="col-lg-3 col-md-6">

<div class="info-box mb-4">

<i class="bx bx-envelope"></i>

<h3>Email Us</h3>

<p>contact@example.com</p>

</div>

</div>

<div class="col-lg-3 col-md-6">

<div class="info-box mb-4">

<i class="bx bx-phone-call"></i>

<h3>Call Us</h3>

<p>+1 5589 55488 55</p>

</div>

</div>

</div>

<div class="row" data-aos="fade-up" data-aos-delay="100">

<div class="col-lg-6 ">

<iframe class="mb-4 mb-lg-0"

src="https://www.google.com/maps/embed?pb=!1m14!1m8!1m3!1d12097.433213460943!2d-74.0062269!3d40.7101282!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x0%3A0xb89d1fe6bc499443!2sDowntown+Conference+Center!5e0!3m2!1smk!2sbg!4v1539943755621"

frameborder="0" style="border:0; width: 100%; height: 384px;" allowfullscreen></iframe>

</div>

<div class="col-lg-6">

<form action="forms/contact.php" method="post" role="form" class="php-email-form">

<div class="row">

<div class="col form-group">

<input type="text" name="name" class="form-control" id="name" placeholder="Your Name" required>

</div>

<div class="col form-group">

<input type="email" class="form-control" name="email" id="email" placeholder="Your Email" required>

</div>

</div>

<div class="form-group">

<input type="text" class="form-control" name="subject" id="subject" placeholder="Subject" required>

</div>

<div class="form-group">

<textarea class="form-control" name="message" rows="5" placeholder="Message" required></textarea>

</div>

<div class="my-3">

<div class="loading">Loading</div>

<div class="error-message"></div>

<div class="sent-message">Your message has been sent. Thank you!</div>

</div>

<div class="text-center"><button type="submit">Send Message</button></div>

</form>

</div>

</div>

</div>

</section><!-- End Contact Section -->

<div class="footer-top">

<div class="container">

<div class="row">

<div class="col-lg-3 col-md-6 footer-contact">

<h3>DM-Mart</h3>

<p>

A108 Adam Street <br>

New York, NY 535022<br>

United States <br><br>

<strong>Phone:</strong> +1 5589 55488 55<br>

<strong>Email:</strong> info@example.com<br>

</p>

</div>

<div class="col-lg-3 col-md-6 footer-links">

<h4>Useful Links</h4>

<ul>

<li><i class="bx bx-chevron-right"></i> <a href="#">Home</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">About us</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Services</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Terms of service</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Privacy policy</a></li>

</ul>

</div>

<div class="col-lg-3 col-md-6 footer-links">

<h4>Our Services</h4>

<ul>

<li><i class="bx bx-chevron-right"></i> <a href="#">Web Design</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Web Development</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Product Management</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Marketing</a></li>

<li><i class="bx bx-chevron-right"></i> <a href="#">Graphic Design</a></li>

</ul>

</div>

<div class="col-lg-3 col-md-6 footer-links">

<h4>Our Social Networks</h4>

<p>Cras fermentum odio eu feugiat lide par naso tierra videa magna derita valies</p>

<div class="social-links mt-3">

<a href="#" class="twitter"><i class="bx bxl-twitter"></i></a>

<a href="#" class="facebook"><i class="bx bxl-facebook"></i></a>

<a href="#" class="instagram"><i class="bx bxl-instagram"></i></a>

<a href="#" class="google-plus"><i class="bx bxl-skype"></i></a>

<a href="#" class="linkedin"><i class="bx bxl-linkedin"></i></a>

</div>

</div>

</div>

</div>

</div>

<div class="container py-4">

<div class="copyright">

&copy; Copyright <strong><span>DM-Mart</span></strong>. All Rights Reserved.

</div>

<div class="credits">

Designed by <a href="https://github.com/DishenMakwana">DISHEN MAKWANA</a>

</div>

</div>

</footer>

<!-- End Footer -->

<div id="preloader"></div>

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i

class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->

<script src="assets/vendor/aos/aos.js"></script>

<script src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>

<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>

<script src="assets/vendor/php-email-form/validate.js"></script>

<script src="assets/vendor/purecounter/purecounter.js"></script>

<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>

<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>

<!-- Template Main JS File -->

<script src="assets/js/main.js"></script>

</body>

</html>

**LoginForEcommerce.java :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class LoginForEcommerce extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

String uName = request.getParameter("username");

String pwd = request.getParameter("password");

HttpSession session = request.getSession();

if (uName.equals("admin") && pwd.equals("12345")) {

session.setAttribute("User", "admin");

Cookie c = new Cookie("cookie\_text", "admin");

c.setMaxAge(60 \* 60 \* 24 \* 15);

response.addCookie(c);

response.sendRedirect("index\_1.html");

} else {

response.sendRedirect("index\_1.html");

}

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the

// + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**Add To Cart :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.HashMap;

import java.util.Map;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class AddCart extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

HttpSession session = request.getSession();

int productId = Integer.parseInt(request.getParameter("pid"));

int qty = Integer.parseInt(request.getParameter("qty"));

// Price Store at Server side

double priceProduct[] = {450, 660, 300, 1000, 840, 710, 250, 72, 350};

double price = 0.0;

for (int i = 0; i < priceProduct.length; i++) {

if ((productId - 1) == i) {

price = priceProduct[i];

}

}

// Cookie

Cookie cookies[] = request.getCookies();

Cookie userProduct = new Cookie("productid\_" + productId, "qty:" + qty);

userProduct.setMaxAge(60 \* 60 \* 24 \* 15); // 15 days

Product product = new Product(qty, price);

HashMap<Integer, Product> cartProducts = null;

if (session.getAttribute("product") == null) {

cartProducts = new HashMap<Integer, Product>();

cartProducts.put(productId, product);

} else {

cartProducts = (HashMap<Integer, Product>) session.getAttribute("product");

if (cartProducts.containsKey(productId)) {

Product exProduct = cartProducts.get(productId);

exProduct.qty += qty;

cartProducts.replace(productId, exProduct);

}

else {

cartProducts.put(productId, product);

}

}

session.setAttribute("product", cartProducts);

response.addCookie(userProduct);

response.sendRedirect("index\_1.html");

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**View Cart :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.HashMap;

import java.util.Map;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class ViewCart extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

double grandTotal = 0;

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

HttpSession session = request.getSession();

String User = (String) session.getAttribute("User");

HashMap<Integer, Product> cartProducts = (HashMap<Integer, Product>) session.getAttribute("product");

if (cartProducts == null) {

out.println("<br><table class=\"styled-table center\">\n"

+ " <thead>\n"

+ " <tr>\n"

+ " <th>Your cart is empty</th></tr></thead></table>");

// out.println("<tr><th><p style='align:right'>Checkout (0)</p></th></tr></thead></table>");

} else {

// out.println("<p style='align:right'><a href='checkout.html'>Checkout (" + cartProducts.size() + ")</a></p>");

out.println("<br><h1 align=\"center\">Hey " + User + ", Welcome to DM-Mart's Shopping Cart</h1>");

out.println("<br><table class=\"styled-table center\">\n"

+ "<thead>\n"

+ " <tr>\n"

+ " <th>ProductId</th>\n"

+ " <th>Price</th>\n"

+ " <th>Quantity</th>\n"

+ " <th>Total Price</th>\n"

+ " </tr>\n"

+ " </thead>");

for (Map.Entry<Integer, Product> entry : cartProducts.entrySet()) {

int key = entry.getKey();

Product p = entry.getValue();

out.println("<tbody>\n"

+ " <tr>");

out.println("<td>" + key + "</td>");

out.println("<td>" + p.price + "</td>");

out.println("<td>" + p.qty + "</td>");

out.println("<td>" + (p.price \* p.qty) + "</td>");

grandTotal += (p.price \* p.qty);

}

out.println("<tr><td colspan=3 class=\"active-row\">Grand Total </td><td>" + grandTotal + "</td></tr>\n"

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the

// + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**Product Class :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class Product {

int qty;

double price;

public int getQty() {

return qty;

}

public void setQty(int qty) {

this.qty = qty;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

public Product(int qty, double price) {

this.qty = qty;

this.price = price;

}

}

**Checkout.html :**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta content="width=device-width, initial-scale=1.0" name="viewport">

<title>Ecommerce</title>

</head>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="index\_1.html">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="index\_1.html" class="logo"><img src="assets/img/logo.png" alt=""></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto active" href="index\_1.html">Home</a></li>

<li><a class="nav-link scrollto " href="#portfolio">Portfolio</a></li>

<li><a class="nav-link scrollto" href="#footer">Contact</a></li>

<li><a class="nav-link scrollto" href="viewcart.do">View Cart</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav><!-- .navbar -->

</div>

</header><!-- End Header -->

<main id="main">

<div class="container-fluid">

<div class="container">

<div class="formBox">

<form method="post" action="checkout.do">

<div class="row">

<div class="col-sm-12">

<h1>Contact form</h1>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox ">

<div class="inputText">Your Name</div>

<input type="text" name="party\_name" class="input">

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Email</div>

<input type="text" name="email" class="input">

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Mobile</div>

<input type="text" name="contect\_no" class="input">

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Address</div>

<input type="text" name="Shipping\_address" class="input">

</div>

</div>

<div class="col-sm-6">

<div class="inputBox">

<input type="radio" name="COD" value="COD" />

Cash on Delivery

</div>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<input type="submit" name="Submit" class="button" value="Checkout">

</div>

</div>

</form>

</div>

</div>

</div>

</main><!-- End #main -->

</body>

</html>

**Checkout.java :**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

package com.vvp.web;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

/\*\*

\*

\* @author Dishen Makwana

\*/

public class Checkout extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

HttpSession session = request.getSession();

String name = request.getParameter("party\_name");

String contact\_no = request.getParameter("contect\_no");

String address = request.getParameter("Shipping\_address");

String paymentMethod = request.getParameter("COD");

out.println(name+"</br>");

out.println(contact\_no+"</br>");

out.println(address+"</br>");

out.println(paymentMethod+"</br>");

session.removeAttribute("product");

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}

**Web.xml :**

<?xml version="1.0" encoding="UTF-8"?>

<web-app version="3.1" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd">

<servlet>

<servlet-name>HelloWorld</servlet-name>

<servlet-class>com.vvp.web.HelloWorld</servlet-class>

</servlet>

<servlet>

<servlet-name>TableController</servlet-name>

<servlet-class>com.vvp.web.TableController</servlet-class>

</servlet>

<servlet>

<servlet-name>LoginController</servlet-name>

<servlet-class>com.vvp.web.LoginController</servlet-class>

</servlet>

<servlet>

<servlet-name>ViewCart</servlet-name>

<servlet-class>com.vvp.web.ViewCart</servlet-class>

</servlet>

<servlet>

<servlet-name>Checkout</servlet-name>

<servlet-class>com.vvp.web.Checkout</servlet-class>

</servlet>

<servlet>

<servlet-name>AddCart</servlet-name>

<servlet-class>com.vvp.web.AddCart</servlet-class>

</servlet>

<servlet>

<servlet-name>Visitor</servlet-name>

<servlet-class>com.vvp.web.Visitor</servlet-class>

</servlet>

<servlet>

<servlet-name>LoginForEcommerce</servlet-name>

<servlet-class>com.vvp.web.LoginForEcommerce</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>HelloWorld</servlet-name>

<url-pattern>/helloworld.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>TableController</servlet-name>

<url-pattern>/tablecontroller.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>LoginController</servlet-name>

<url-pattern>/login.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>ViewCart</servlet-name>

<url-pattern>/viewcart.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>Checkout</servlet-name>

<url-pattern>/checkout.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>AddCart</servlet-name>

<url-pattern>/addtocart.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>Visitor</servlet-name>

<url-pattern>/visitor.do</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>LoginForEcommerce</servlet-name>

<url-pattern>/elogin.do</url-pattern>

</servlet-mapping>

<session-config>

<session-timeout>

30

</session-timeout>

</session-config>

</web-app>

**Assignment-4**

1. **Design JSP page for user signup.**

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

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

<%@include file="ecomHeader.jsp" %>

<title>Signup Page</title>

<link rel="stylesheet" href="css/loginstyle.css" />

</head>

<%

Statement st = null;

ResultSet rs = null;

PreparedStatement prst = null;

%>

<%@include file="connectionDB.jsp" %>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo">

<img src="assets/img/logo.png" alt=""/></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto" href="ecomDB.jsp">Home</a></li>

<li><a class="nav-link scrollto" href="viewcartDB.jsp ">View Cart</a></li>

<li><a class="nav-link scrollto" href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto active" href="esignupDB.jsp">Sign Up</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav>

<!-- navbar -->

</div>

</header>

<!-- End Header -->

<main id="main">

<div class="content">

<div class="container">

<div class="row">

<div class="col-md-6 order-md-2">

<img src="./img/undraw\_file\_sync\_ot38.svg" alt="Image" class="img-fluid" />

</div>

<div class="col-md-6 contents">

<div class="row justify-content-center">

<div class="col-md-8">

<div class="mb-4">

<h3>Sign In to <strong>DM Mart</strong></h3>

<p class="mb-4"></p>

</div>

<form action="" method="post">

<div class="form-group first">

<label for="username">Username</label>

<input type="text" name="username" class="form-control"

id="username" />

</div>

<div class="form-group first">

<label for="email">Email</label>

<input type="text" name="email" class="form-control"

id="email" />

</div>

<div class="form-group last mb-4">

<label for="password1">Password</label>

<input type="password" name="password1" class="form-control"

id="password1" />

</div>

<div class="form-group last mb-4">

<label for="password">Confirm Password</label>

<input type="password" name="password2" class="form-control"

id="password2" />

</div>

<div class="d-flex mb-5 align-items-center">

<label class="control control--checkbox mb-0">

<span class="caption">Remember me</span>

<input type="checkbox" checked="checked" />

<div class="control\_\_indicator"></div>

</label>

<span class="ml-auto">

<a href="#" class="forgot-pass">Forgot Password</a></span>

</div>

<input type="submit" value="Sign Up"

class="btn text-white btn-block btn-primary" />

<span class="d-block text-left my-4 text-muted">

or sign in with</span>

<div class="social-login">

<a href="#" class="facebook">

<span class="icon-facebook mr-3"></span></a>

<a href="#" class="twitter">

<span class="icon-twitter mr-3"></span></a>

<a href="#" class="google">

<span class="icon-google mr-3"></span></a>

</div>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

</main>

<%

if (request.getParameter("username") != null) {

if (request.getParameter("username") != null && request.getParameter("email") != null && request.getParameter("password1") != null && request.getParameter("password2") != null) {

String userName = (String) request.getParameter("username");

String email = (String) request.getParameter("email");

String passWord1 = (String) request.getParameter("password1");

String passWord2 = (String) request.getParameter("password2");

boolean isUserExist = false;

if (passWord1.equals(passWord2)) {

String loginQry = "SELECT username,password FROM user where username=?";

prst = connection.prepareStatement(loginQry);

prst.setString(1, userName);

rs = prst.executeQuery();

if (rs.next()) {

isUserExist = true;

}

if (!isUserExist) {

String signupQry = "INSERT INTO `user` VALUES (NULL,?,?,?,?);";

prst = connection.prepareStatement(signupQry);

prst.setString(1, userName);

prst.setString(2, passWord1);

prst.setString(3, email);

prst.setString(4, "user");

prst.executeUpdate();

}

}

if (isUserExist) {

response.sendRedirect("eloginDB.jsp");

} else {

response.sendRedirect("esignupDB.jsp");

}

} else {

response.sendRedirect("esignupDB.jsp");

}

}

%>

<!-- End #main -->

<%@include file="ecomFooter.jsp" %>

1. **Dynamic Login Controller using JDBC.**

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

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

<%@include file="ecomHeader.jsp" %>

<title>Login Page</title>

<link rel="stylesheet" href="css/loginstyle.css" />

</head>

<%

Statement st = null;

ResultSet rs = null;

PreparedStatement prst = null;

%>

<%@include file="connectionDB.jsp" %>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo"><img src="assets/img/logo.png" alt=""/></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto" href="ecomDB.jsp">Home</a></li>

<li><a class="nav-link scrollto" href="viewcartDB.jsp ">View Cart</a></li>

<li><a class="nav-link scrollto active" href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto" href="esignupDB.jsp">Sign Up</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav>

<!-- navbar -->

</div>

</header>

<!-- End Header -->

<main id="main">

<div class="content">

<div class="container">

<div class="row">

<div class="col-md-6 order-md-2">

<img src="./img/undraw\_file\_sync\_ot38.svg" alt="Image" class="img-fluid"/>

</div>

<div class="col-md-6 contents">

<div class="row justify-content-center">

<div class="col-md-8">

<div class="mb-4">

<h3>Sign In to <strong>DM Mart</strong></h3>

<p class="mb-4"></p>

</div>

<form action="" method="post">

<div class="form-group first">

<label for="username">Username</label>

<input type="text" name="username" class="form-control"

id="username"/>

</div>

<div class="form-group last mb-4">

<label for="password">Password</label>

<input type="password" name="password" class="form-control"

id="password" />

</div>

<div class="d-flex mb-5 align-items-center">

<label class="control control--checkbox mb-0">

<span class="caption">Remember me</span>

<input type="checkbox" checked="checked" />

<div class="control\_\_indicator"></div>

</label>

<span class="ml-auto"><a href="#" class="forgot-pass">

Forgot Password</a></span>

</div>

<input type="submit" value="Log In"

class="btn text-white btn-block btn-primary"/>

<span class="d-block text-left my-4 text-muted">

or sign in with</span>

<div class="social-login">

<a href="#" class="facebook">

<span class="icon-facebook mr-3"></span></a>

<a href="#" class="twitter">

<span class="icon-twitter mr-3"></span></a>

<a href="#" class="google">

<span class="icon-google mr-3"></span></a>

</div>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

</main>

<%

if (request.getParameter("username") != null) {

if (request.getParameter("username") != null && request.getParameter("password") != null) {

String userName = (String) request.getParameter("username");

String passWord = (String) request.getParameter("password");

String loginQry = "SELECT \* FROM user where username=? and password=?";

prst = connection.prepareStatement(loginQry);

prst.setString(1, userName);

prst.setString(2, passWord);

rs = prst.executeQuery();

while (rs.next()) {

String name = rs.getString("username");

int userId = rs.getInt("userid");

String password = rs.getString("password");

if (name.equals(userName) && password.equals(passWord)) {

Cookie c = new Cookie("user\_name", userName);

c.setMaxAge(60 \* 60 \* 24 \* 15);

Cookie cpw = new Cookie("password", passWord);

cpw.setMaxAge(60 \* 60 \* 24 \* 15);

response.addCookie(cpw);

response.addCookie(c);

session.setAttribute("User", userName);

session.setAttribute("UserId", userId);

response.sendRedirect("ecomDB.jsp");

} else {

response.sendRedirect("eloginDB.jsp");

}

}

} else {

response.sendRedirect("eloginDB.jsp");

}

}

%>

<!-- End #main -->

<%@include file="ecomFooter.jsp" %>

1. **Implement eCommerce AdminPanel to perform Insert, Update, Delete and Search on product table pid,pname,stock,price,image.**

**adminProducts.jsp**

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

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

<%@include file="ecomHeader.jsp" %>

<title>Admin Products Page</title>

<link rel="stylesheet" href="css/viewcart.css">

<style>

.searchitm{

margin-top: 100px;

margin-bottom: 100px;

width:100%;

position: absolute;

padding: 0px 300px;

}

</style>

</head>

<%

Statement st = null;

ResultSet rs = null;

PreparedStatement prst = null;

%>

<%@include file="connectionDB.jsp" %>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo"><img src="assets/img/logo.png" alt=""></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto active" href="adminProducts.jsp">Admin Product</a></li>

<li><a class="nav-link scrollto " href="addProducts.jsp">Add Product</a></li>

<li><a class="nav-link scrollto " href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto " href="elogoutDB.jsp">Logout</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav><!-- navbar -->

</div>

</header><!-- End Header -->

<main id="main">

<div class="searchitm">

<form method="post" action="">

Search By :&nbsp;<select name="searchby">

<option value="pid">Product Id</option>

<option value="pname">Product Name</option>

<option value="stock">Stock Items</option>

<option value="price">Price</option>

</select>&nbsp;

<select name="searchopt">

<option value=">">></option>

<option value="=">=</option>

<option value="<"><</option>

<option value="LIKE">LIKE</option>

</select>&nbsp;

<input type="text" name="searchproduct" placeholder="Search item..">&nbsp;

<input class="btn btn-success" type="submit" name="searchbtn" value="Search">

<input class="btn btn-dark" type="submit" name="clearbtn" value="clear">

</form>

<br>

</div>

<div class="table-content">

<table class="styled-table center" style="margin-top:150px;">

<thead>

<tr style="text-align: center">

<th>Product Id</th>

<th>Product Name</th>

<th>Product Stock</th>

<th>Product Image</th>

<th>Product Price</th>

<th></th>

<th></th>

</tr>

</thead>

<%

String where = "1=1";

String searchbtn = request.getParameter("searchbtn");

String clearbtn = request.getParameter("clearbtn");

if (clearbtn != null) {

where = "1=1";

}

if (searchbtn != null) {

String searchby = (String) request.getParameter("searchby");

String searchopt = (String) request.getParameter("searchopt");

String val = (String) request.getParameter("searchproduct");

if (searchopt.equals("LIKE")) {

val = " '%" + val + "%' ";

}

where = searchby + " " + " " + searchopt + " " + val;

st = connection.createStatement();

rs = st.executeQuery("SELECT \* FROM product\_master WHERE " + where);

while (rs.next()) {

int pid = rs.getInt("pid");

String pname = rs.getString("pname");

int stock = rs.getInt("stock");

String image = rs.getString("image");

double price = rs.getDouble("price");

%>

<tbody style="text-align: center">

<tr>

<td><%=pid%></td>

<td><%=pname%></td>

<td><%=stock%></td>

<td><img src="<%=image%>" class="img-fluid" alt="<%=pname%>" style="width:210px; height: 260px"></td>

<td><%=price%></td><

<td>

<form action="adminChanges.jsp" method="get">

<input type="hidden" name="pid" value="<%=pid%>" />

<input type="hidden" name="query" value="update" />

<input class="btn btn-dark" type="submit" value="Update" />

</form>

</td>

<td>

<form action="" method="POST">

<input type="hidden" name="pid" value="<%=pid%>" />

<input type="hidden" name="query" value="delete" />

<input class="btn btn-danger" type="submit" value="Delete" />

</form>

</td>

</tr>

</tbody>

<% } %>

</table>

</div>

</main><!-- End #main -->

<%

if (request.getParameter("query") != null) {

if (request.getParameter("query").equals("delete")) {

int productId = Integer.parseInt(request.getParameter("pid"));

String deleteQry = "DELETE FROM product\_master WHERE `pid`=?";

prst = connection.prepareStatement(deleteQry);

prst.setInt(1, productId);

int row = prst.executeUpdate();

response.sendRedirect("adminProducts.jsp");

}

}

%>

<%@include file="ecomFooter.jsp" %>

**adminChanges.jsp**

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

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

<%@include file="ecomHeader.jsp" %>

<title>Admin Update Products Page</title>

<link rel="stylesheet" href="css/checkout.css" />

</head>

<%

Statement st = null;

ResultSet rs = null;

PreparedStatement prst = null;

%>

<%@include file="connectionDB.jsp" %>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo"

><img src="assets/img/logo.png" alt=""/></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto" href="ecomDB.jsp">Home</a></li>

<li><a class="nav-link scrollto active" href="addProducts.jsp">Admin Page</a></li>

<li><a class="nav-link scrollto" href="adminProducts.jsp">Admin Product</a></li>

<li><a class="nav-link scrollto" href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto" href="elogoutDB.jsp">Logout</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav>

<!-- .navbar -->

</div>

</header>

<!-- End Header -->

<main id="main">

<div class="container-fluid">

<div class="container">

<div class="formBox">

<form method="post" action="">

<div class="row">

<div class="col-sm-12">

<h1>Product Details</h1>

</div>

</div>

<%

int productId = Integer.parseInt(request.getParameter("pid"));

String query = (String) request.getParameter("query");

String fetchQry = "SELECT \* FROM product\_master WHERE pid=?";

prst = connection.prepareStatement(fetchQry);

prst.setInt(1, productId);

rs = prst.executeQuery();

while (rs.next()) {

int pid = rs.getInt("pid");

String pname = rs.getString("pname");

int stock = rs.getInt("stock");

String image = rs.getString("image");

double price = rs.getDouble("price");

%>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<!--<div class="inputText">Product Name</div>-->

<label for="pname" >Product Name</label>

<input type="text" name="pname" class="input" value="<%=pname%>"/>

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<!--<div class="inputText">Product Stock</div>-->

<label for="stock" >Product Stock</label>

<input type="number" name="stock" class="input" value="<%=stock%>"/>

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<!--<div class="inputText">Product Image</div>-->

<label for="image" >Product Image Path</label>

<input type="text" name="image" class="input" value="<%=image%>" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<!--<div class="inputText">Product Price</div>-->

<label for="price" >Product Price</label>

<input type="number" name="price" class="input" value="<%=price%>" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<input type="submit" name="Submit" class="button"

value="Update Product" />

</div>

</div>

<% } %>

</form>

</div>

</div>

</div>

</main>

<!-- End #main -->

<%

if (request.getParameter("pname") != null && request.getParameter("stock") != null && request.getParameter("image") != null && request.getParameter("price") != null) {

String pname = request.getParameter("pname");

int stock = Integer.parseInt(request.getParameter("stock"));

String image = request.getParameter("image");

double price = Double.parseDouble(request.getParameter("price"));

String updateQry = "UPDATE `product\_master` SET `pname`=?, `stock`=?, `image`=?, `price`=? WHERE pid=?";

prst = connection.prepareStatement(updateQry);

prst.setString(1, pname);

prst.setInt(2, stock);

prst.setString(3, image);

prst.setDouble(4, price);

prst.setInt(5, productId);

int row = st.executeUpdate(updateQry);

response.sendRedirect("adminProducts.jsp");

}

%>

**addProducts.jsp**

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

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

<%@include file="ecomHeader.jsp" %>

<title>Admin Add Products Page</title>

<link rel="stylesheet" href="css/checkout.css" />

</head>

<%

Statement st = null;

ResultSet rs = null;

PreparedStatement prst = null;

%>

<%@include file="connectionDB.jsp" %>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo"

><img src="assets/img/logo.png" alt=""/></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto" href="ecomDB.jsp">Home</a></li>

<li><a class="nav-link scrollto active" href="addProducts.jsp">Admin Page</a></li>

<li><a class="nav-link scrollto" href="adminProducts.jsp">Admin Product</a></li>

<li><a class="nav-link scrollto" href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto" href="elogoutDB.jsp">Logout</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav>

<!-- .navbar -->

</div>

</header>

<!-- End Header -->

<main id="main">

<div class="container-fluid">

<div class="container">

<div class="formBox">

<form method="post" action="">

<div class="row">

<div class="col-sm-12">

<h1>Product Details</h1>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Product Name</div>

<input type="text" name="pname" class="input" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Product Stock</div>

<input type="number" name="stock" class="input" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Product Image</div>

<input type="text" name="image" class="input" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6">

<div class="inputBox">

<div class="inputText">Product Price</div>

<input type="number" name="price" class="input" />

</div>

</div>

</div>

<div class="row">

<div class="col-sm-12">

<input type="submit" name="Submit" class="button"

value="Add Product" />

</div>

</div>

</form>

</div>

</div>

</div>

</main>

<!-- End #main -->

<%

if (request.getParameter("pname") != null && request.getParameter("stock") != null && request.getParameter("image") != null && request.getParameter("price") != null) {

String pname = request.getParameter("pname");

int stock = Integer.parseInt(request.getParameter("stock"));

String image = request.getParameter("image");

double price = Double.parseDouble(request.getParameter("price"));

String addQry = "INSERT INTO `product\_master` (`pid`, `pname`, `stock`, `image`, `price`) VALUES (NULL, ?, ?, ?, ?) ";

prst = connection.prepareStatement(addQry);

prst.setString(1, pname);

prst.setInt(2, stock);

prst.setString(3, image);

prst.setDouble(4, price);

int row = prst.executeUpdate();

response.sendRedirect("addProducts.jsp");

}

%>

<%@include file="ecomFooter.jsp" %>

**Assignment-5**

1. **Implement Insert, Update , Delete Search using Hibernate on product table(pid,pname,stock,price,image).**

<%@page import="java.util.Iterator"%>

<%@page import="org.hibernate.Query"%>

<%@page import="com.vvp.web.ProductMaster"%>

<%@page import="org.hibernate.Transaction"%>

<%@page import="com.vvp.web.HUtil"%>

<%@page import="org.hibernate.Session" %>

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

<%@include file="ecomHeader.jsp" %>

<title>Admin Products Page</title>

<link rel="stylesheet" href="css/viewcart.css">

<style>

.searchitm{

margin-top: 100px;

margin-bottom: 100px;

width:100%;

position: absolute;

padding: 0px 300px;

}

</style>

</head>

<body>

<!-- ======= Header ======= -->

<header id="header" class="d-flex align-items-center">

<div class="container d-flex align-items-center justify-content-between">

<h1 class="logo"><a href="ecomDB.jsp">DM-Mart</a></h1>

<!-- Uncomment below if you prefer to use an image logo -->

<a href="ecomDB.jsp" class="logo"><img src="assets/img/logo.png" alt=""></a>

<nav id="navbar" class="navbar">

<ul>

<li><a class="nav-link scrollto active" href="adminProducts.jsp">Admin Product</a></li>

<li><a class="nav-link scrollto " href="addProducts.jsp">Add Product</a></li>

<li><a class="nav-link scrollto " href="eloginDB.jsp">Login</a></li>

<li><a class="nav-link scrollto " href="elogoutDB.jsp">Logout</a></li>

</ul>

<i class="bi bi-list mobile-nav-toggle"></i>

</nav><!-- navbar -->

</div>

</header><!-- End Header -->

<main id="main">

<div class="searchitm">

<form method="post" action="">

Search By :&nbsp;<select name="searchby">

<option value="pid">Product Id</option>

<option value="pname">Product Name</option>

<option value="stock">Stock Items</option>

<option value="price">Price</option>

</select>&nbsp;

<select name="searchopt">

<option value=">">></option>

<option value="=">=</option>

<option value="<"><</option>

<option value="LIKE">LIKE</option>

</select>&nbsp;

<input type="text" name="searchproduct" placeholder="Search item..">&nbsp;

<input class="btn btn-success" type="submit" name="searchbtn" value="Search">

<input class="btn btn-dark" type="submit" name="clearbtn" value="clear">

</form>

<br>

</div>

<div class="table-content">

<table class="styled-table center" style="margin-top:150px;">

<thead>

<tr style="text-align: center">

<th>Product Id</th>

<th>Product Name</th>

<th>Product Stock</th>

<th>Product Image</th>

<th>Product Price</th>

<th></th>

<th></th>

</tr>

</thead>

<%

String searchbtn = request.getParameter("searchbtn");

String clearbtn = request.getParameter("clearbtn");

Session hSession = HUtil.getSessionFactory().openSession();

Transaction tx = hSession.beginTransaction();

Query q = hSession.createQuery("from ProductMaster pm");

String searchby = (String) request.getParameter("searchby");

String searchopt = (String) request.getParameter("searchopt");

String val = (String) request.getParameter("searchproduct");

if (searchbtn != null) {

q = hSession.createQuery("from ProductMaster pm where pm." + searchby + " " + " " + searchopt + " " + val);

}

if (clearbtn != null) {

q = hSession.createQuery("from ProductMaster pm");

}

Iterator it = q.list().iterator();

while (it.hasNext()) {

ProductMaster databaseProduct = (ProductMaster) it.next();

int pid = databaseProduct.getPid();

String pname = databaseProduct.getPname();

int stock = databaseProduct.getStock();

String image = databaseProduct.getImage();

double price = databaseProduct.getPrice();

%>

<tbody style="text-align: center">

<tr>

<td><%=pid%></td>

<td><%=pname%></td>

<td><%=stock%></td>

<td><img src="<%=image%>" class="img-fluid" alt="<%=pname%>" style="width:210px; height: 260px"></td>

<td><%=price%></td><

<td>

<form action="adminChanges.jsp" method="get">

<input type="hidden" name="pid" value="<%=pid%>" />

<input type="hidden" name="query" value="update" />

<input class="btn btn-dark" type="submit" value="Update" />

</form>

</td>

<td>

<form action="" method="POST">

<input type="hidden" name="pid" value="<%=pid%>" />

<input type="hidden" name="query" value="delete" />

<input class="btn btn-danger" type="submit" value="Delete" />

</form>

</td>

</tr>

</tbody>

<% } %>

</table>

</div>

</main><!-- End #main -->

<%

if (request.getParameter("query") != null) {

if (request.getParameter("query").equals("delete")) {

int productId = Integer.parseInt(request.getParameter("pid"));

ProductMaster pm = (ProductMaster)hSession.get(ProductMaster.class, productId);

hSession.delete(pm);

response.sendRedirect("adminProducts.jsp");

}

}

%>

<%@include file="ecomFooter.jsp" %>