**CMR TECHNICAL CAMPUS**

**UGC AUTONOMOUS**

**Kandlakoya(V), Medchal Road, Hyderabad – 501 401**

**Accredited by NBA and NAAC with A Grade**

**Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad**

**DEPARTMENT OF CSE (AI & ML)**



**WEB TECHNOLOGIES LAB MANUAL (R20)**

**COURSE CODE: 20CS505PC**

**Prepared by:**

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|  |  |  |
| --- | --- | --- |
| **SI.NO** | **List Of Experiments** | **Page No** |
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| 2 | PHP script to   1. Find the length of a string. 2. Count no of words in a string. 3. Reverse a string. 4. Search for a specific string. |  |
| 3 | Write a PHP script to merge two arrays and sort them as numbers, in descending order. |  |
| 4 | Write a PHP script that reads data from one file and write into  another file. |  |
| 5 | Develop static pages (using Only HTML) of an online book store. The pages should resemble[:www](http://www.amazon.com/).[amazon.com.](http://www.amazon.com/) The website should consist the following pages.   1. Home page 2. Registration and user Login 3. User Profile Page 4. Books catalog 5. Shopping Cart 6. Payment By credit card 7. Order Conformation |  |
| 6 | Validate the Registration, user login, user profile and payment by credit card pages using JavaScript. |  |
| 7 | Create and save an XML document on the server, which contains 10 users information. Writea program, which takes User Id as an input and returns the user details by taking the userinformation from the XML document. |  |
| 8 | install TOMCAT web server. Convert the static web pages of assignments 2 into dynamic webpages using servlets and cookies. Hint: Users information (user id, password, credit card  number) would be stored in web.xml. Each user should have a separate Shopping Cart. |  |
| 9 | Redo the previous task using JSP by converting the static web pages of assignments 2 intodynamic web pages. Create a database with user information and books information. The books catalogue should be dynamically loaded from the database. Follow the MVC architecturewhile doing the website. |  |

# Write a PHP script to print prime numbers between 1-50.

<?php

$number = 2 ;

while ($number <100 )

{

$div\_count=0;

for ( $i=1;$i<=$number;$i++)

{

if (($number%$i)==0)

{

$div\_count++;

}

}

if ($div\_count<3)

{

echo $number." , ";

}

$number=$number+1;

}

?>

# OUTPUT:2 , 3 , 5 , 7 , 11 , 13 , 17 , 19 , 23 , 29 , 31 , 37 , 41 , 43 , 47

1. **PHP script to**

# Find the length of a string.

<!DOCTYPE html>

<html>

<body>

<?php

echo strlen("Hello world!");

?>

</body>

</html> **OUTPUT:**

12

# Count no of words in a string.

<!DOCTYPE html>

<html>

<body>

<?php

echo str\_word\_count("Hello world!");

?>

</body>

</html>

# Reverse a string.

<!DOCTYPE html>

<html>

<body>

<?php

echo strrev("Hello world!");

?>

</body>

</html> **OUTPUT:**

!dlrowolleH

# 

# Search for a specific string.

<!DOCTYPE html>

<html>

<body>

<?php

echo strpos("Hello world!", "world");

?>

</body>

</html> **OUTPUT:**

6

<!DOCTYPE html>

<html>

<body>

<?php

echo str\_replace("world", "Dolly", "Hello world!");

?>

**OUTPUT**

Hello Dolly!

</body>

</html>

# Write a PHP script to merge two arrays and sort them as numbers, in descending order.

<?php

$a1=array(1,3,15,7,5);

$a2=array(4,3,20,1,6);

$num=array\_merge($a1,$a2); array\_multisort($num,SORT\_DESC,SORT\_NUMERIC); print\_r($num);

?>

**OUTPUT:-**

Array ( [0] => 20 [1] => 15 [2] => 7 [3] => 6 [4] => 5 [5] => 4 [6] => 3 [7] => 3 [8] => 1 [9] => 1 )

# Write a PHP script that reads data from one file and write into another file.

<?php if(isset($\_POST['save']))

{

$f=$\_POST['file'];

$ext=$\_POST['ext'];

$data=$\_POST['data'];

$file=$f.$ext; if(file\_exists($file))

{

echo "<font color='red'>file already exists</font>";

}

else

{

$fo = fopen($file,"w"); fwrite($fo,$data);

echo "your data is saved";

}

}

?>

<form method="post">

enter your file<input type="text" name="file"/><br/> choose your extension<select name="ext">

<option value="">choose urexten</option>

<option>.txt</option>

<option>.docs</option>

<option>.pdf</option>

</select><br/>

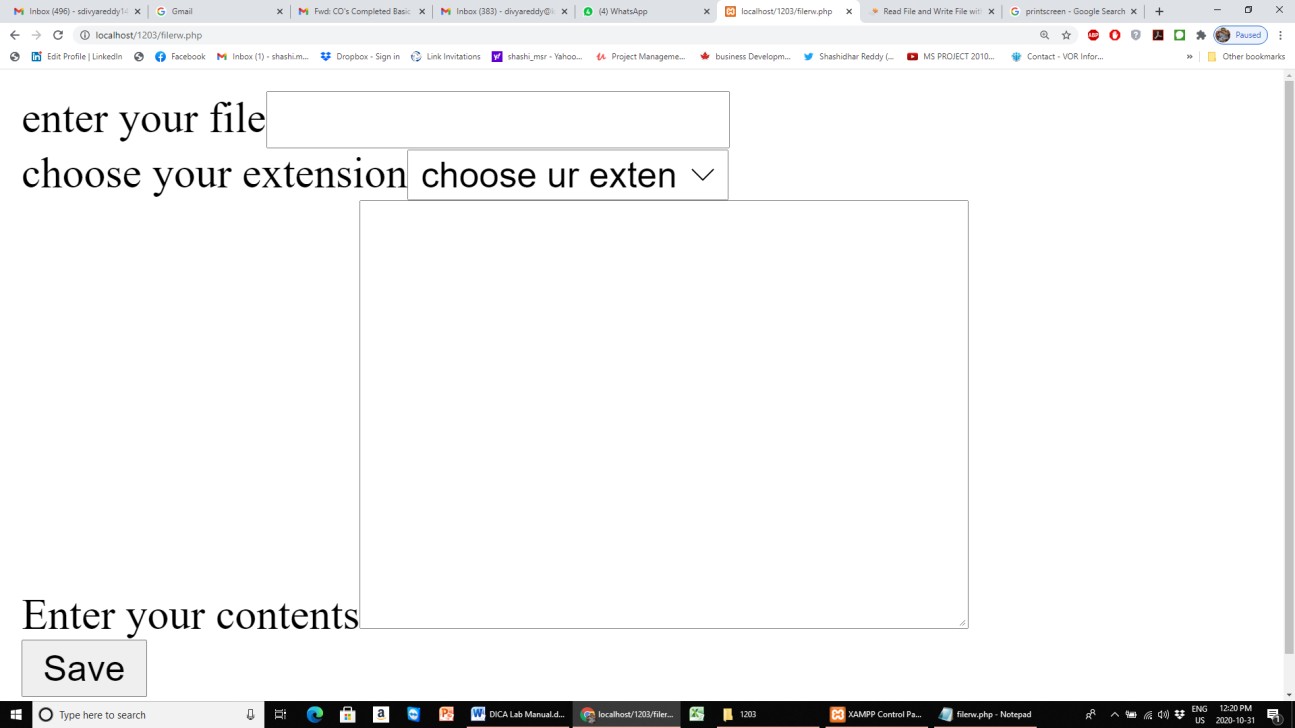
Enter your contents<textarea rows="10" cols="30" name="data">

<?php echo @$contents ; ?>

</textarea><br/>

<input type="submit" value="Save" name="save"/>

</form>



<?php if(isset($\_POST['disp']))

{

$f=$\_POST['file'];

$ext=$\_POST['ext'];

$file=$f.$ext; if(file\_exists($file))

{

$fo = fopen($file,"r");

$contents = fread($fo,filesize($file));

}

else

{

echo "<font color='red'>file doesn't exists</font>";

}

}

?>

<form method="post">

enter your file<input type="text" name="file"/><br/> choose your extension<select name="ext">

<option value="">choose urexten</option>

<option>.txt</option>

<option>.docs</option>

<option>.pdf</option>

</select><br/>

Enter your contents<textarea rows="10" cols="30" name="data">

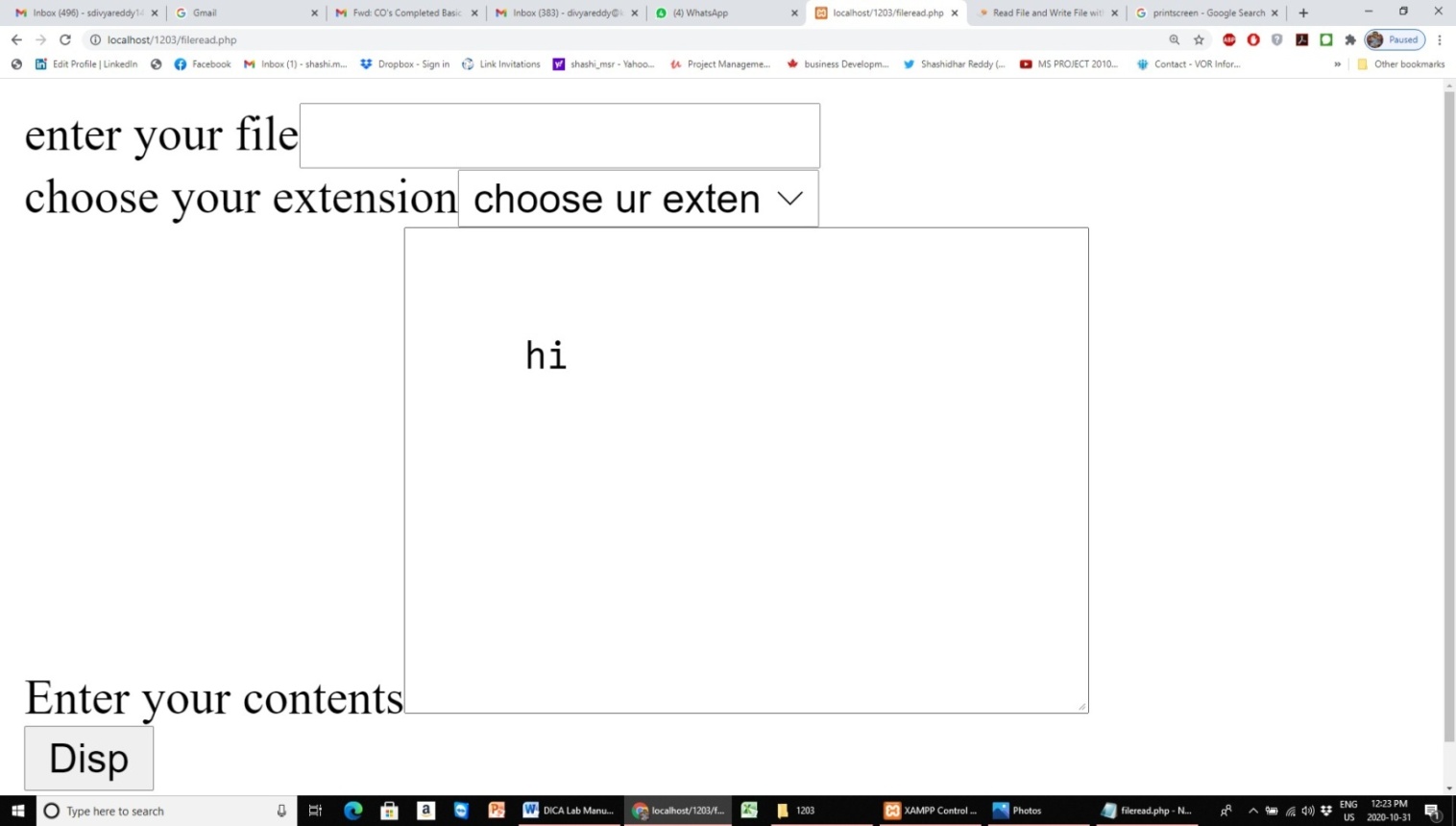
<?php echo @$contents ; ?>

</textarea><br/>

<input type="submit" value="Disp" name="disp"/>

</form>

**OUTPUT:**



# Develop static pages (using Only HTML) of an online book store. The pages should resemble: [www.amazon.com.](http://www.amazon.com/) The website should consist the following pages.

1. **Home page**

# Registration and user Login

1. **User Profile Page**

# Books catalog

1. **Shopping Cart**

# Payment By credit card

1. **Order Conformation Home page**

Main.html:

<html>

<head>

<title> Amazon</title>

</head>

<body bgcolor="cyan"><center>

<strong><h1>Welcome to AMAZON</h1></strong>

<form method="post" action="login.html" target=\_blank >

<h4>for books</h4><input type="submit" value="click here">

</form>

</center>

</body>

</html>

**Registration and user Login**

**Login.html:**

<html>

<head>

<title> login</title>

</head>

<body bgcolor="cyan"><center>

<strong><h1> AMAZON </h1></strong></center>

<right>

<table align="right">

<tr>

<td><h4>user name</td>

<td><input type="text" ></td>

<td></td>

</tr>

<tr>

<td><h4>password</td>

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

<td></td>

</tr>

<tr>

<td>

<form method="post" action="catalog.html" >

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

</form>

</td>

<td>

<form method="post" action="reg.html" >

<input type="submit" value="register" > &nbsp;&nbsp;

<input type="reset" value="reset"></form></td>

</tr>

</table>

</body>

</html>

**Registration page**

**reg.html:**

<html>

<head>

<title>

login page</title>

</head>

<body bgcolor="cyan">

<center><strong><h1> AMAZON </h1></strong></center>

<form method="post" action="catalog.html" >

<right>

<table align="left">

<tr>

<td><h4>user name</td>

<td><input type="text" ></td>

<tr>

<tr>

<td><h4>password</td>

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

</tr>

<tr>

<td><h4>confirm password</td>

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

</tr>

<td><h4>male &nbsp;&nbsp;

<option >

<input type="radio" name="sex" id="male"></td>

<td><h4>female &nbsp; &nbsp;

<input type="radio" name="sex" id="female" ></td>

</option>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" rows=5 cols=19>

</textarea>

</td>

<tr>

<td>

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

<td>

<input type="reset" value="reset"></td>

</tr>

</form>

</body>

</html>

**User profile**

**userprofile.html**

<html>

<head>

<title> userprofile</title>

</head>

<body bgcolor="cyan"><center>

<strong><h1>Welcome to AMAZON Online Book Store </h1></strong></center> Edit your profile here...

<form method="post" action="catalog.html" >

<right>

<table align="left">

<tr>

<td><h4>Edit user name</td>

<td><input type="text" ></td>

<tr>

<tr>

<td><h4>Edit password</td>

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

</tr>

<option >

<td><h4>male &nbsp;&nbsp;

<input type="radio" name="sex" id="male"></td>

<td><h4>female &nbsp; &nbsp;

<input type="radio" name="sex" id="female" ></td>

</option>

</tr>

<tr>

<td>Edit Address</td>

<td><textarea name="address" rows=5 cols=19>

</textarea>

</td>

<tr>

<td>

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

</tr>

</form>

</body>

</html>

**Books catalog**

**Catalog.html:**

<html>

<head>

<title>

books catalog</title>

</head>

<body bgcolor="cyan">

<center><h1>AMAZON</h1></center>

<form method="post" action="shopping.html">

<left>

<table>

<tr>

<td><b><h3>frontend books</td>

<td></td></tr>

<tr>

<td></td>

<td><h4>C&Ds</td>

</tr>

<tr>

<td></td>

<td><h4>Ads</td>

</tr>

<td></td>

<td><h4>JAVA

</td></tr>

<tr>

<td><b><h3>backend books</td>

<td></td>

</tr>

<tr>

<td></td>

<td><h4>Oracle</td>

</tr>

<tr>

<td></td>

<td><h4>Ms SQL Server

</td></tr>

<tr>

<td></td>

<td><h4>MySql</td>

</tr>

</table>

</h4>

<center>

<b>for buy one of these books

<br>

</b><input type="submit" value="click here">

</center>

</form>

</body>

</html>

**Shopping cart**

**Shopping.html:**

<html>

<head><title>shopping cart</title>

</head>

<body bgcolor="cyan">

<center><h1>

Shopping Cart</h1></center>

<br><br><br><br><br>

<table align="center">

<tr>

<td>Text Books</td>

<td>

<select >

<optgroup label="select the book">

<option value="C&Ds">C&Ds

<option value="Ads">Ads

<option value="Java">Java

<option value="Oracle">Oracle

<option value="Ms SQL Server">Ms SQL Server

<option value="MySql">MySql

</optgroup>

</select>

</td></tr>

<tr>

<td> Quantity</td>

<td>

<input type="text" id="q">

</td></tr>

<tr>

<td></td>

<td>

<form method=post action="payment.html">

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

</form>

</td></tr>

</table>

<center>

<pre>Cost of one book is"500" + shipping "100"</pre>

</center>

<body>

</html>

**Payment.html:**

<html>

<head><title>payment</title></head>

<body bgcolor="cyan">

<center><h1>Payment By Credit Card</h1></center>

<form method=post action="ordrconform.html">

<br><br><br><br><br>

<table align="center">

<tr>

<td>

<h4>Total Amount</h4></td>

<td><input type="text">

</td>

</tr>

<tr>

<td><h4>Credit Card Number</td>

<td><input type="text"></td>

</tr>

<tr>

<td>

</td>

<td><input type="submit" value=OK>

</td>

</tr>

</table>

</form></body>

</html>

**Order Conformation**

**Ordrconform.html:**

<html>

<head><title>order conformation</title><M/head>

<body bgcolor="cyan">

<center>

<h1><b>BOOK SHOPPING</h1>

<pre><strong>

<b>Your order Is Conformed

</strong></pre>

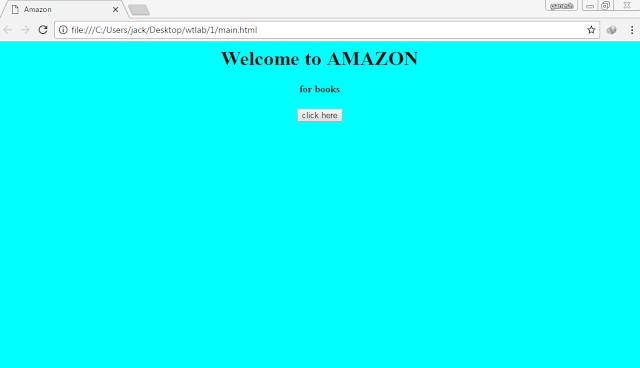
<h2><b>THANK YOU</h2>

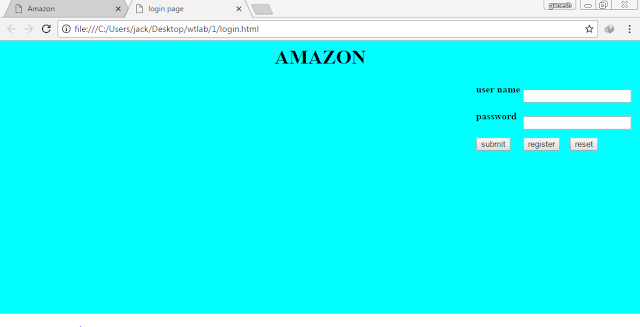
</center>

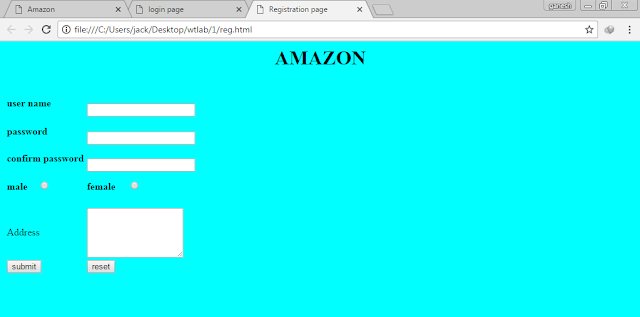
</body>

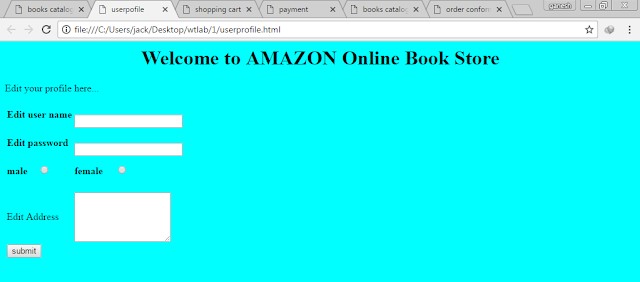
</html>

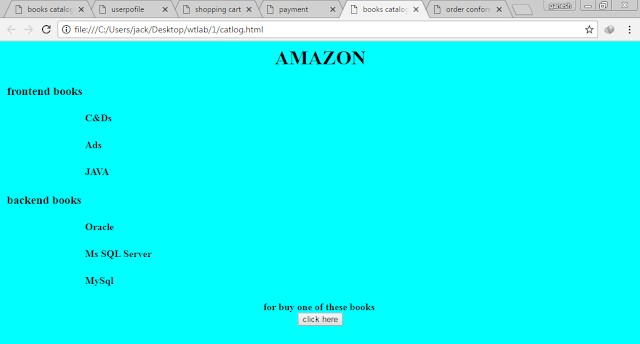
# output:

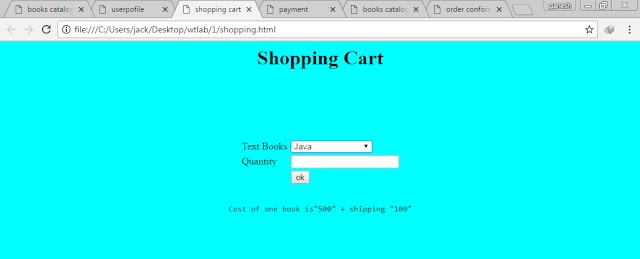


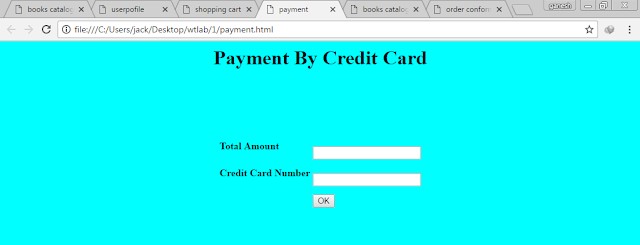














1. **Validate the Registration, user login, user profile and payment by credit card pages using JavaScript.**

**Homepage:**

**Main.html:**

<html>

<frameset rows="25%,\*">

<frame src="top.html" name="top" scrolling ="no" frameborder ="0">

<frameset cols="25%,75%">

<frame src="left.html" name="left" scrolling ="no" frameborder ="0">

<frame src="right.html" name="right" scrolling ="auto" frameborder ="0">

</frameset>

</frameset>

</html>

## Top.html:

<html>

<body bgcolor="pink">

<br><br>

<marquee><h1 align=”center”><b><u>ONLINE BOOK STORAGE</u></b></h1></marquee>

</body>

</html>

**Right.html:**

<html>

<body>

<br><br><br><br><br>

<h2 align="center">

<b><p> welcome to online book storage. Press login if you are having id otherwise press registration.

</p></b></h2>

</body>

</html>

## Left.html:

<html>

<body bgcolor="pink">

<h3>

<ul>

<li><a href="login.html" target="right"><font color="black"> LOGIN</font></a></li><br><br>

<li><a href="profile.html" target="right"><font color="black"> USER PROFILE</font></a></li><br><br>

<li><a href="catalog.html" target="right"><font color="black"> BOOKS CATALOG</font></a></li><br><br>

<li><a href="scart.html" target="right"><font color="black"> SHOPPINGCART</font></a></li><br><br>

<li><a href="payment.html" target="right"><font color="black"> PAYMENT</font></a></li><br><br>

<br><br>

</ul>

</body>

</html>

**Registration and user Login**

**Login.html:**

<html>

<body bgcolor="pink"><br><br><br>

<script language="javascript"> function validate()

{

var flag=1; if(document.myform.id.value==" "|| document.myform.pwd.value== "")

{

alert("LoginId and Password must be filled") flag=0;

}

if(flag==1)

{

alert("VALID INPUT");

window.open("catalog.html","right");

}

else

{

alert("INVALID INPUT");

//document.myform.focus();

}

}

</script>

<form name="myform">

<div align="center"><pre>

LOGIN ID:<input type="text" name="id"><br> PASSWORD:<input type="password" name="pwd"><br><br>

</pre>

<input type="button" value="ok" onClick="validate()">&nbsp;&nbsp;&nbsp;&nbsp;

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

</div>

</form>

</body>

</html>

## Profile.html:

<html>

<body bgcolor="pink"><br><br>

<script type="text/javasc ript"> function validate()

{

var flag=1; if(document.myform.name.value

==""||

document.myform.add r.value==""|| document.myform.phn o.value==""|| document.myform.id.v alue==""|| document.myform.pw

d.value=="")

{

alert("Enter all the details");

flag=0;

}

var str=document.myform.phno.value;

var x=new RegExp("\\d","g");

if(!(str.match(x)))

{

if(!(str. length

==10))

flag=0

;

}

var str1=document.myform.id.value; var x1=new RegExp("^[A-Z][a-

zA-Z]+$","g");

if(!(str1.match(x1)))

{

flag=0;

alert("Invalid UserID");

}

var str1=document.myform.pwd.valu e; var x1=new RegExp("^[A- Z][a-zA-Z]+$","g");

if(!(str1.match(x1)))

{

if(f lag

== 1)

{

flag=0;

alert("Invalid password");

}

alert("VALID INPUT");

window.self.location.href="login.html";

}

{

<br><br>

}

}

</script>

<form name="myform">

else

alert("INVALIDINPUT");

document.myform.focus();

<div align="center"><pre>

NAME :<input type="text" name="name"><br> ADDRESS :<input type="type" name="addr"><br> CONTACT NUMBER:<input type="text"name="phno"><br> LOGINID :<input type="text"name="id"><br>

PASSWORD :<input type="password"name="pwd"></pre><br><br>

</div>

<div align="center">

<input type="button" value="ok" onClick="validate()">&nbsp;&nbsp;&nbsp;

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

</form></body></html>

**Books catalog:**

## Scart.html:

<html>

<body bgcolor="pink"><br><br><br>

<script

language="javascript "> function validate()

{

var flag=1; if(document.myform.title.val ue=="")

{

flag=0;

}

str=document.myform.title.value; if(str=="c"||str=="C")

{

document.myform.t1.value="C"; document.myform.t2.value=444;

}

else if(str=="jsp"||str=="JSP")

else{

document.myform.t1.value="JSP"; document.myform.t2.value=555;

}

{

flag=0;

}

**Catalog.html:**

<html>

<body bgcolor="pink"><br><br><br>

<script

language="javascript "> function validate()

{

var flag=1; if(document.myform.id.value

==""||

document.myform.title.valu e==""|| document.myform.no.valu e==""|| document.myform.cost.val ue=="")

{

flag=0;

}

str=document.myform.title.value;

var str1=document.myform.cost.value;

if(!((str=="c"&& str1==444) || (str=="jsp" && str1==555)))

{

if(flag==1)

{

alert("VALID INPUT");

flag=0;

}

else

}

}

{

alert("INVALIDINPUT");

document.myform.focus();

}

</script>

<form name="myform" action="scart.html" target="right">

<div align="center"><pre>

LOGINID :<input type="text" name="id"><br> TITLE :<input type="text" name="title"><br>NO.OFBOOKS :<input type="text"name="no"><br>

COSTOFBOOK :<input type="text"name="cost"><br>

</pre><br><br>

</div>

<br><br>

<div align="center">

<input type="submit" value="ok" onClick="validate()">&nbsp;&nbsp;&nbsp;&nbsp;

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

</form>

</body>

</html>

**Payment by creditcard**

## Payment.html

<html>

<body bgcolor="pink"><br><br><br>

<script language="javascript"> function validate()

{

var flag=1;

if(document.myform.id.value==""|| document.myform.pwd.value==""|| document.myform.amount.value==""|| document.myform.num.value=="")

{

flag=0;

}

var str=document.myform.amount.value; var x=new RegExp("\\d","g");

if(!(str.match(x)))

{

{

flag=0;

}

if(flag==1)

{

alert("VALID INPUT");

window.self.location.href="order.html";

}

else

{

alert("INVALIDINPUT");

document.myform.focus();

}

}

</script>

<form name="myform">

<div align="center"><pre>

LOGINID:<input type="text" name="id"><br>

PASSWORD:<input type="password" name="pwd"><br>

AMOUNT:<input type="text"name="amount"><br>

CREDITCARDNUMBER:<input type="PASSWORD"name="num"><br></pre><br><br>

</div>

<br><br>

<div align="center">

<input type="button" value="ok" onClick="validate()">&nbsp;&nbsp;&nbsp;&nbsp;

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

</form>

</body>

</html>

**Order ConformationOrder.html:**

<head><title>order conformation</title><M/head>

<body bgcolor="cyan">

<center>

<h1><b>AMAZON</h1>

<pre><strong>

<b>Your order Is Conformed

</strong></pre>

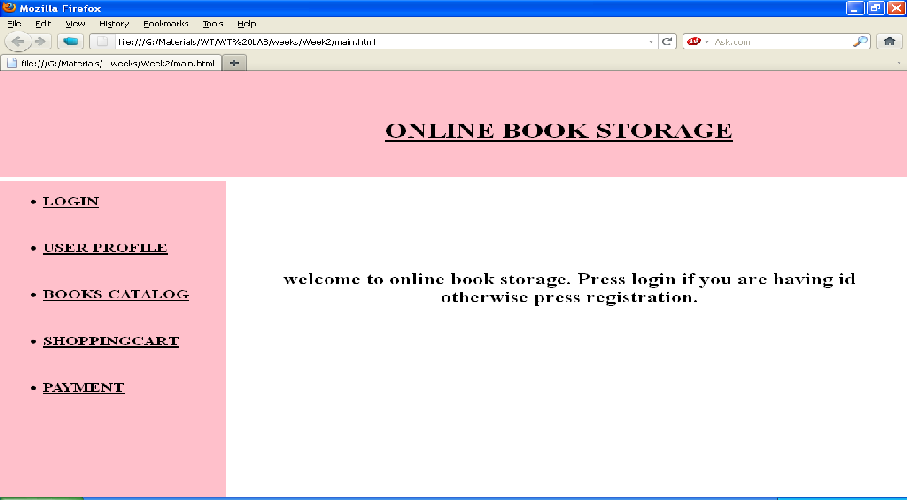
<h2><b>THANK YOU</h2>

</center>

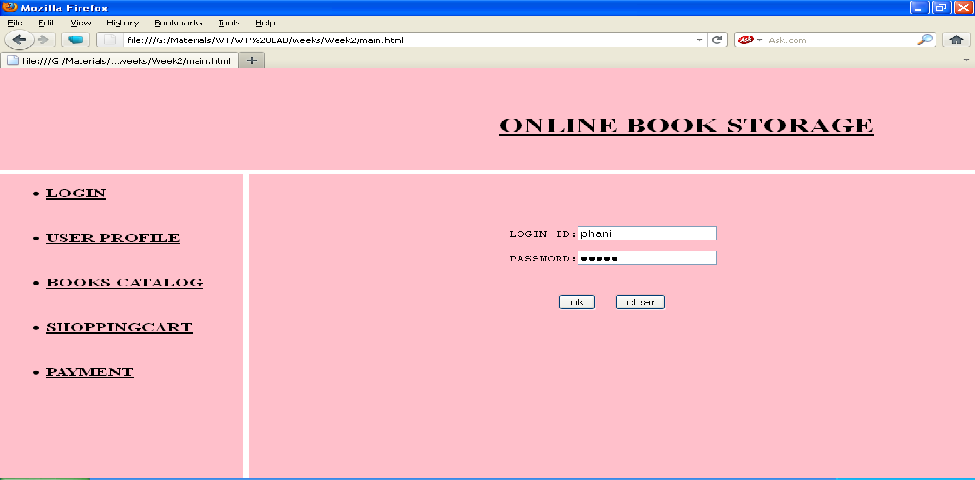
</body>

</html>

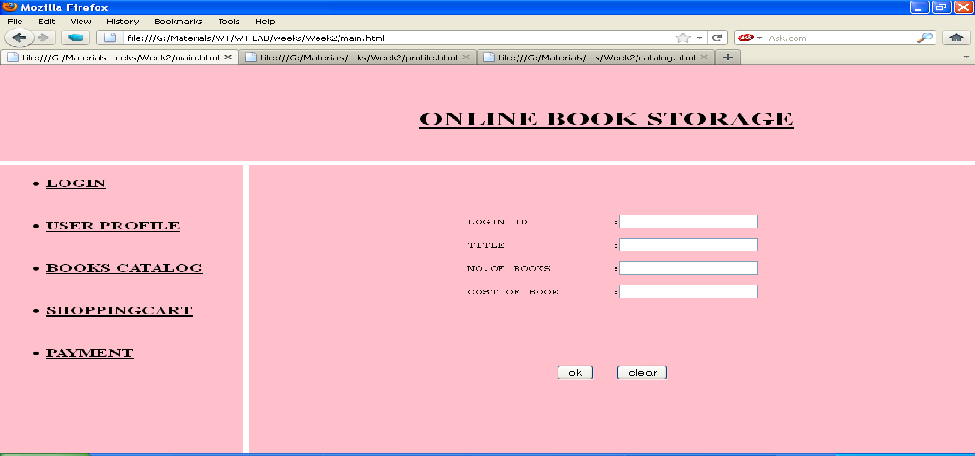
# OUTPUT:

** Main.html**

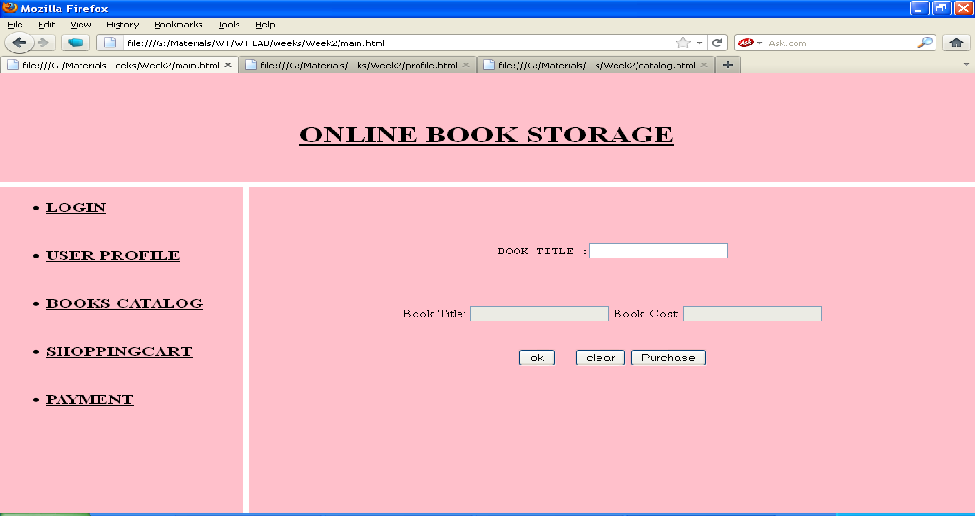
# Login.html:



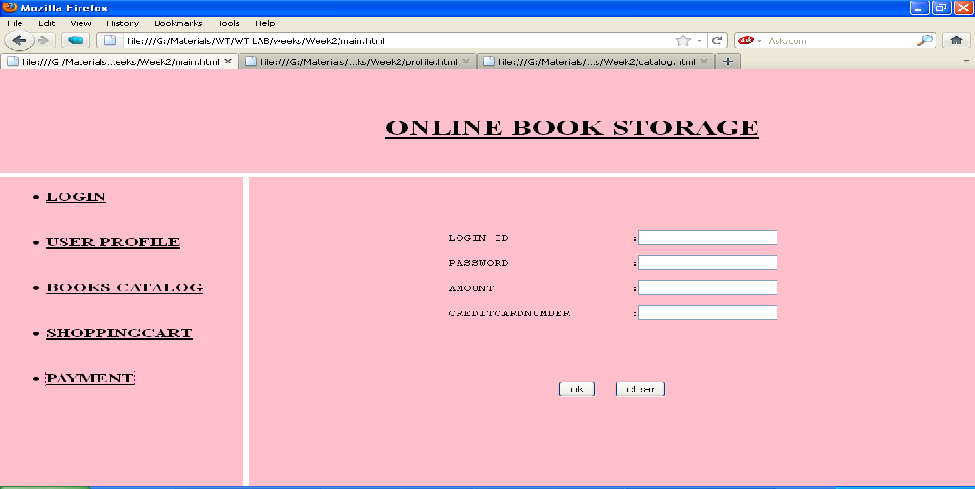
**Catalog.html:**



**Scart.html:**



**Payment.html:**



# Order.html



7) **Create and save an XML document on the server, which contains 10 users information.**

**Write a program, which takes User Id as an input and returns the user details by taking**

**the user information from the XML document.**

<employees>

<employee id="111">

<firstName>Chandrika</firstName>

<lastName>Gupta</lastName>

<location>India</location>

</employee>

<employee id="222">

<firstName>Srinivas</firstName>

<lastName>Reddy</lastName>

<location>Russia</location>

</employee>

<employee id="333">

<firstName>Anupama</firstName>

<lastName>P</lastName>

<location>USA</location>

</employee>

<employee id="444">

<firstName>Lokesh</firstName>

<lastName>Gupta</lastName>

<location>India</location>

</employee>

<employee id="555">

<firstName>Vishnu</firstName>

<lastName>Gussin</lastName>

<location>Russia</location>

</employee>

<employee id="666">

<firstName>Veeru</firstName>

<lastName>Feezor</lastName>

<location>USA</location>

</employee>

<employee id="777">

<firstName>Pavan</firstName>

<lastName>Feezor</lastName>

<location>USA</location>

</employee>

<employee id="888">

<firstName>Narayana</firstName>

<lastName>Gussin</lastName>

<location>Russia</location>

</employee>

<employee id="999">

<firstName>David</firstName>

<lastName>Feezor</lastName>

<location>USA</location>

</employee>

<employee id="1000">

<firstName>Sunder</firstName>

<lastName>Feezor</lastName>

<location>USA</location>

</employee>

</employees>

**ReadXML.java:**

**import** org.w3c.dom.\*; **import** javax.xml.parsers.\*; **import** java.io.\*;

**import** java.util.Scanner;

**publicclass**ReadXML {

**publicstaticvoid**main(String a[]) **throws** Exception{ DocumentBuilderFactory factory =

DocumentBuilderFactory.*newInstance*();

DocumentBuilder builder = factory.newDocumentBuilder();

//Build Document

Document document = builder.parse(**new** File("C:\\Users\\Narayana\\Desktop\\employees.xml"));

//Normalize the XML Structure; It's just too important !! document.getDocumentElement().normalize();

//Here comes the root node

Element root = document.getDocumentElement();

//Get all employees

NodeListnList = document.getElementsByTagName("employee"); System.*out*.println("enter employee id:");

Scanner s=**new** Scanner(System.*in*); String id=s.next();

**for** (**int** temp = 0; temp <nList.getLength(); temp++)

{

Node node = nList.item(temp);

**if** (node.getNodeType() == Node.*ELEMENT\_NODE*)

{

Element eElement = (Element) node;

**if**(eElement.getAttribute("id").equals(id)){ System.*out*.println("First Name : "+

eElement.getElementsByTagName("firstName").item(0).getTextContent());

System.*out*.println("Last Name:" + eElement.getElementsByTagName("lastName").item(0).getTextContent());

System.*out*.println("Location:" +

eElement.getElementsByTagName("location").item(0).getTextContent());

}

}

}

}

}

**OUTPUT:-**

Enter Employee Id: 222



# 8) Install TOMCAT web server. Convert the static web pages of assignments 2 into dynamic web pages using servlets and cookies. Hint: Users information (user id, password, credit card number) would be stored in web.xml. Each user should have a separate Shopping Cart.

# PROCEDURE:

First install the tomcat into the system.

Then make a subdirectly(eg., tr) in the \tomcat\webapps.

Under tr create WEB-INF directory and also place the html files in this tr directory only. Next under WEB-INF create two subclasses lib,classes and web.xml

Next place all the class files under the classes and jar files(servlet-api.jar,classes12.jar etc…) under lib subdirectories.

After this start tomcat by giving the following command at the instll\_dir>tomcat>bin Catalina.bat run

At the I.E(web browser) give the url as http;//localhost:8080//tr/htmlfile or servlet url pattern Portno 8080 is assigned for the tomcat.

**Web.xml**

<?xml version="1.0" encoding="iso-8859-1"?>

<!DOCTYPE web-app

PUBLIC "-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN" ["http://java.sun.com](http://java.sun.com/dtd/web-app_2_3.dtd)/[dtd/web-app\_2\_3.dtd">](http://java.sun.com/dtd/web-app_2_3.dtd)

<web-app>

<display-name>Servlet 2.4 Examples</display-name>

<description>

Servlet 2.4 Examples.

</description>

<servlet>

<servlet-name>reg</servlet-name>

<servlet-class>reg</servlet-class>

</servlet>

<servlet>

<servlet-name>login</servlet-name>

<servlet-class>login</servlet-class>

</servlet>

<servlet>

<servlet-name>profile</servlet-name>

<servlet-class>profile</servlet-class>

</servlet>

<servlet>

<servlet-name>catalog</servlet-name>

<servlet-class>catalog</servlet-class>

<servlet-mapping>

<servlet-name>order</servlet-name>

<url-p</servlet>

<servlet>

<servlet-name>order</servlet-name>

<servlet-class>order</servlet-class>

</servlet>attern>order<

/url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>catalog</servlet-name>

<url-pattern>catalog</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>profile</servlet-name>

<url-pattern>profile</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>login</servlet-name>

<url-pattern>login</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>reg</servlet-name>

<url-pattern>reg</url-pattern>

</servlet-mapping>

</web-app>

**Main.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0

Transitional//EN" ["http://www.w3.org/TR/xhtml1/DTD/xhtm](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)l[1-](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd) [transitional.dtd">](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)

<html xmlns=["http://www.w3.org/1999/xhtm](http://www.w3.org/1999/xhtml)l">

<body bgcolor="pink">

<br /><br /><br /><br /><br />

<h1 align="center"><U>ONLINE BOOK STORAGE</U></h1><br /><br /><br />

<h2 align="center"><pre>

<b>Welcome to online book storage. Press LOGIN if you are having id otherwise press REGISTRATION

</b></pre></h2>

<br /><br/><pre>

<div align="center"><a href="/tr/login.html">LOGIN</a><a href="/tr/reg.html"> REGISTRATION</a></div></pre>

</body>

</html>

# Login.html

<html>

<body bgcolor="pink"><br /><br /><br />

<form name="myform" method="post" action="/tr/login">

<div align="center"><pre>

LOGIN ID :<input type="text" name="id" /><br />

PASSWORD :<input type="password" name="pwd" /></pre><br /><br />

</div>

<br /><br />

<div align="center">

<input type="submit" value="ok" onclick="validate()"

/>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear" />

</div>

</form>

</body>

</html>

**Reg.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0

Transitional//EN" ["http://www.w3.org/TR/xhtml1/DTD/xhtm](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)l[1-](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd) [transitional.dtd">](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)

<html xmlns=["http://www.w3.org/1999/xhtm](http://www.w3.org/1999/xhtml)l">

<body bgcolor="pink"><br /><br />

<form name="myform" method="post" action="/tr/reg">

<div align="center"><pre>

NAME :<input type="text" name="name" /><br/>

ADDRESS :<input type="text" name="addr"

/><br /> CONTACTNUMBER :<input type="text" name="phno" /><br /> LOGINID :<input type="text" name="id"

/><br/>

PASSWORD :<input type="password" name="pwd" /></pre><br /><br/>

</div>

<br /><br />

<div align="center">

<input type="submit" value="ok" onclick="validate()"

/>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear" />

</div>

</form>

</body>

</html>

# 

# Profile.html

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0

Transitional//EN" ["http://www.w3.org/TR/xhtml1/DTD/xhtm](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)l[1-](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd) [transitional.dtd">](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)

<html xmlns=["http://www.w3.org/1999/xhtm](http://www.w3.org/1999/xhtml)l">

<body bgcolor="pink"><br /><br /><br />

<form name="myform" method="post" action="/tr/profile">

<div align="center"><pre>

LOGIN ID :<input type="text" name="id" /><br />

</pre><br /><br />

</div>

<br /><br />

<div align="center">

<input type="submit" value="ok" onclick="validate()"

/>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear" />

</div></form></body></html>

**Catalog.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0

Transitional//EN" ["http://www.w3.org/TR/xhtml1/DTD/xhtm](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)l[1-](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd) [transitional.dtd">](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)

<html xmlns=["http://www.w3.org/1999/xhtm](http://www.w3.org/1999/xhtml)l">

<body bgcolor="pink"><br /><br /><br />

<form method="post" action="/tr/catalog">

<div align="center"><pre>

BOOK TITLE :<input type="text" name="title" /><br />

</pre><br /><br />

</div>

<br /><br />

<div align="center">

<input type="submit" value="ok" name="button1"/>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<input type="reset" value="clear"name="button2"/>

</div>

</form>

</body></html>

**Order.html**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" ["http://www.w3.org/TR/xhtml1/DTD/xhtm](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)l[1-transitional.dtd">](http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd)

<html xmlns=["http://www.w3.org/1999/xhtm](http://www.w3.org/1999/xhtml)l">

<body bgcolor="pink"><br /><br />

<form method="post" action="/tr/reg">

<div align="center"><pre>

NAME :<input type="text" name="name"

/><br /> PASSWORD :<input type="password" name="pwd" /> TITLE :<input type="text" name="title"

/><br />NO.OFBOOKS :<input type="text" name="no"

/><br /> DATE :<input type="text" name="date"

/><br/>

CREDIT CARD NUMBER:<input type="password" name="cno" /><br /></pre><br /><br />

</div>

<br /><br />

<div align="center">

<input type="submit" value="ok"

name="button1"/>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear" name="button2"/>

</div>

</form>

</body>

</html>

# Login.java

import java.sql.\*;

import java.io.\*; import java.util.\*; import javax.servlet.\*;

import javax.servlet.http.\*;

public class login extends HttpServlet

{

public void service(HttpServletRequestreq,HttpServletResponse resp) throws ServletException,IOException

{ PrintWriter

pw=resp.getWriter(); pw.println("<html><body bgcolor=\"pink\"); Stringid=req.getParamenter("id");

String pwd=req.getParameter("pwd"); try

{ Driver

d=neworacle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","scott","tiger ")

;

Statement stmt=con.createStatement(); String sqlstmt="select id,password from login"; ResultSetrs=stmt.executeQuery(sqlstmt); int flag=0;

while(rs.next(

))

{

if(id.equal(rs.getString(1))&&pwd.equals(rs.getString(2)))

{

flag=1;

}

}

if(flag==0)

{

}

else

{

pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");

pw.println("<a href=\"/tr/login.html\">press LOGIN to RETRY</a>");

pw.println("VALID LOGIN ID<br><br>"); pw.println("<h3><ul>");

pw.println("<li><ahref=\"profile.html\"><fontcolor=\"black\">USER PROFILE</font>

</a></li><br><br>");

pw.println("<li><ahref=\"catalog.html\"><fontcolor=\"black\">BOO KS CATALOG</font></a></li><br><br>"); pw.println("<li><ahref=\"order.html\"><fontcolor=\"black\">OR DER CONFIRMATION</font> </a></li><br><br>");

}

pw.println("</body></html>");

}

catch(Exception e)

{ resp.sendError(500,e.toString());

}

}

**Reg.html**

import java.sql.\*; import java.io.\*; import java.util.\*; import

javax.servlet.\*;

import javax.servlet.http.\*;

public class login extends HttpServlet

{

public void service(HttpServletRequestreq,HttpServletResponse resp) throws ServletException,IOException

{

PrintWriter pw=resp.getWriter(); pw.println("<html><body bgcolor=\"pink\"); String name=req.getParamenter("name"); String addr=req.getParameter("addr"); String phno=req.getParameter("phno"); Stringid=req.getParamenter("id");

String pwd=req.getParameter("pwd"); int

no=Integer.parseInt(phno); try

{

Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","scott","tiger ")

;

Statement stmt=con.createStatement(); String sqlstmt="select id,password from login"; ResultSetrs=stmt.executeQuery(sqlstmt); int flag=0;

while(rs.next(

))

{

if(id.equal(rs.getString(1))&&pwd.equals(rs.getString(2)))

{

flag=1;

} }

if(flag==1)

{

pw.println("SORRY INVALID ID ALREADY EXITS TRY AGAIN WITH NEW

ID<br><br>");

pw.println("<a href=\"/tr/reg.html\">press REGISTER to RETRY</a>");

}

else

{ Statement

stmt1=con.createStatement(); stmt1.executeUpdate("insertintologin values("+names","+addr+","+no+","+id+","+pwd+")"); pw.println("YOUR DETAILS AREENTERED<br><br>");

pw.println("<a href=\"/tr/login.html\">press LOGIN to login</a>");

}

pw.println("</body></html>");

}

catch(Exception e)

{

resp.sendError(500,e.toString());

} }}

# Catlog.java

import java.sql.\*; import java.io.\*;

import java.util.\*; import javax.servlet.\*;

import javax.servlet.http.\*;

public class login extends HttpServlet

{

public void service(HttpServletRequestreq,HttpServletResponse resp) throws ServletException,IOException

{

PrintWriter pw=resp.getWriter(); pw.println("<html><body bgcolor=\"pink\"); String title=req.getParameter("title"); try

{

Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","scott","tiger ")

;

Statement stmt=con.createStatement(); String sqlstmt="select id,password from login"; ResultSetrs=stmt.executeQuery(sqlstmt); int flag=0;

while(rs.next(

))

{

pw.println(",div align=\"center\">"); pw.println("TITLE

:"+rs.getString(1)+"<br> "); pw.println("AUTHOR :"+rs.getString(2)+"<br>"); pw.println("VERSION :"+rs.getString(3)+"<br>"); pw.println("PUBLISHER

"); pw.println("COST

"); pw.println("</div"); flag=1;

}

:"+rs.getString(4)+"<br>

:"+rs.getString(5)+"<br>

if(flag==0)

{

pw.println("SORRY INVALID TITLE TRY AGAIN <br><br>");

pw.println("<a href=\"/tr/catalog.html\">press HERE to RETRY</a>");

}

pw.println("</body></html>");

}

catch(Exception e)

{

resp.sendError(500,e.toString());

}

}

}

# Profile.java

import java.sql.\*; import java.io.\*; import java.util.\*; import javax.servlet.\*;

import javax.servlet.http.\*;

public class login extends HttpServlet

{

public void service(HttpServletRequestreq,HttpServletResponse resp) throws ServletException,IOException

{

PrintWriter pw=resp.getWriter(); pw.println("<html><body bgcolor=\"pink\"); String id=req.getParamenter("id");

try

{

Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection

con=DriverManager.getConnection("jdbc:ora cle:thin: @localhost:1521:orcl","scott","tiger");

Statement stmt=con.createStatement(); String sqlstmt="select \* from login where id="+id+""; ResultSetrs=stmt.executeQuery(sqlstmt); int flag=0;

pw.println("<br><br><br>"); while(rs.next())

{

pw.println("<div align=\"center\">"); pw.println("NAME

:"+rs.getString(1)+"<br>"

);

pw.println("ADDRESS:"+rs.getString(2)+"<br

>");

pw.println("PHONENO

:"+rs.getString(3)+"<br>"

); pw.println("</div>"); flag=1;

}

if(flag==0)

{

pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");

pw.println("<a href=\"/tr/profile.html\">press HERE to RETRY</a>");

}

pw.println("</body></html>");

}

catch(Exception e)

{

resp.sendError(500,e.toString());

}

}

}

Order.java import java.sql.\*; import java.io.\*; import java.util.\*; import javax.servlet.\*;

import javax.servlet.http.\*;

public class login extends HttpServlet

{

public void service(HttpServletRequestreq,HttpServletResponse resp) throws ServletException,IOException

{

PrintWriter pw=resp.getWriter(); pw.println("<html><body bgcolor=\"pink\"); Stringid=req.getParamenter("id"); String pwd=req.getParameter("pwd"); String title=req.getParameter("title"); String count1=req.getParameter("no"); String date=req.getParameter("date"); String cno=req.getParameter("cno"); intcount=Integer.parseInt(count1); try

{

Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","scott","tiger ")

;

Statement stmt=con.createStatement(); String sqlstmt="select id,password from

login"; ResultSetrs=stmt.executeQuery(sqlstmt); int

flag=0,amount,x; while(rs.next())

{

if(id.equals(rs.getString(1))&&pwd.equals(rs.getString(2)))

{

flag=1;

}

}

if(flag==0)

{

pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");

pw.println("<a href=\\"/tr/order.html\\">press HERE to RETRY</a>");

}

else

{

Statement stmt2=con.createStatement();

String s="select cost from book where title="+title+""; ResultSet rs1=stmt2.executeQuery(s);

int flag1=0; while(rs1.next())

{

flag1=1; x=Integer.parseInt(rs1.getString( 1));

amount=count\*x; 34

pw.println("AMOUNT :"+amount+"<br><br><br><br>");

Statement stmt1=con.createStatement(); stmt1.executeUpdate("insertintodetailsvalues('"+id+",'"+title

+"'+amount+'","'+cno+'")"'); pw.println("YOUR ORDER has taken<br>");

}

if(flag1==0)

{

pw.println("SORRY INVALID ID TRY AGAIN ID<br><br>");

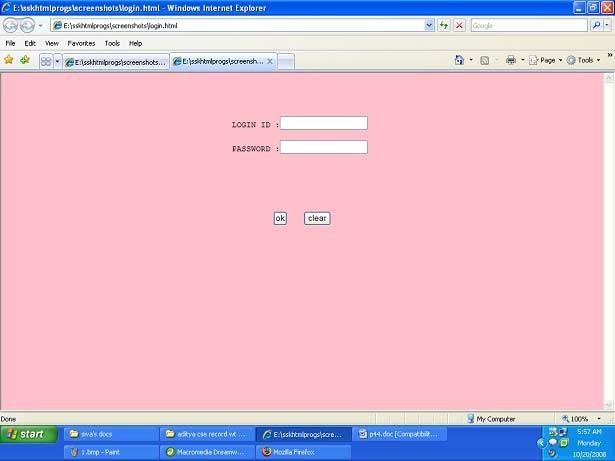
pw.println("<a href=\\"/tr/order.html\\">press HERE to RETRY</a>");

}

}

pw.println("</body></html>"); con.close();

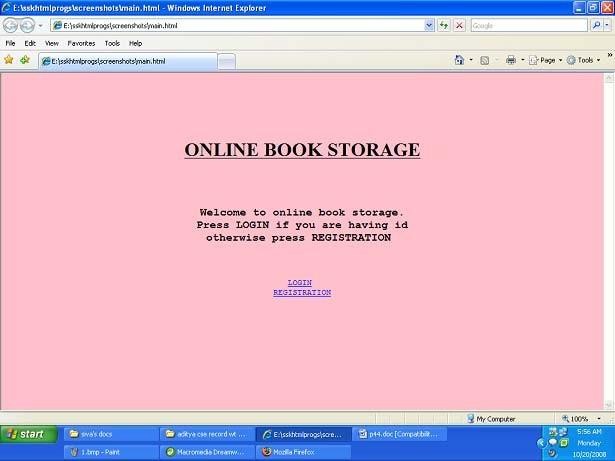
}

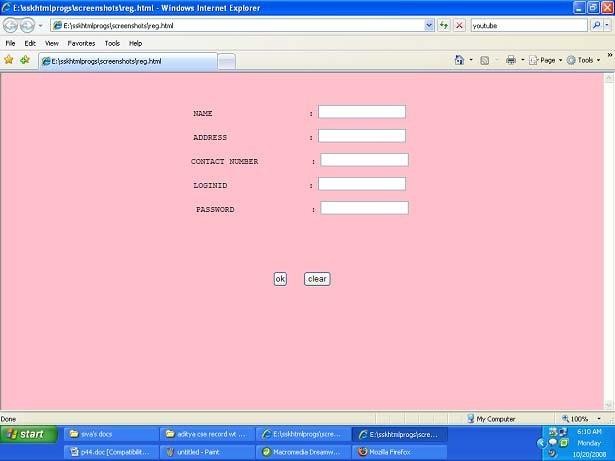
catch(Exception e)

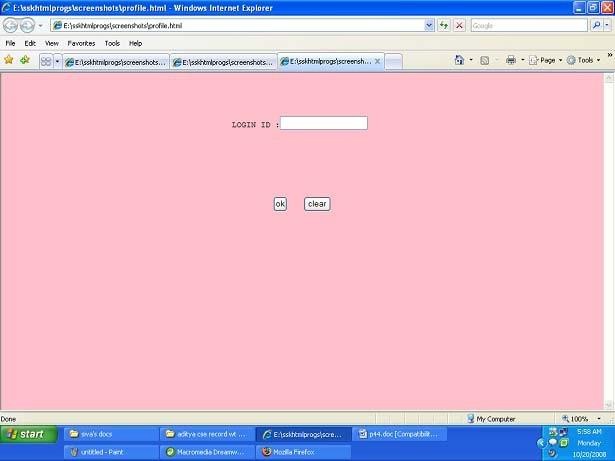
{

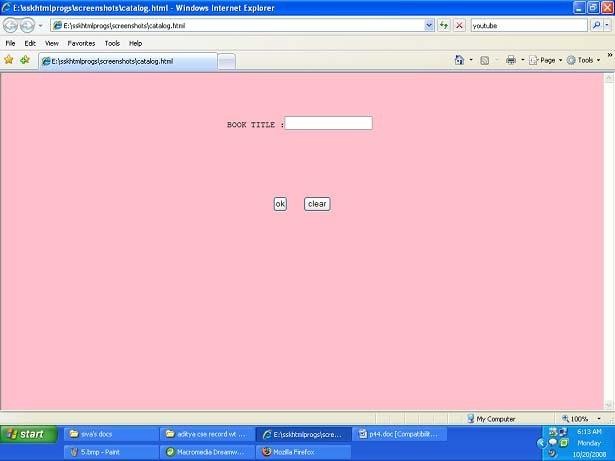
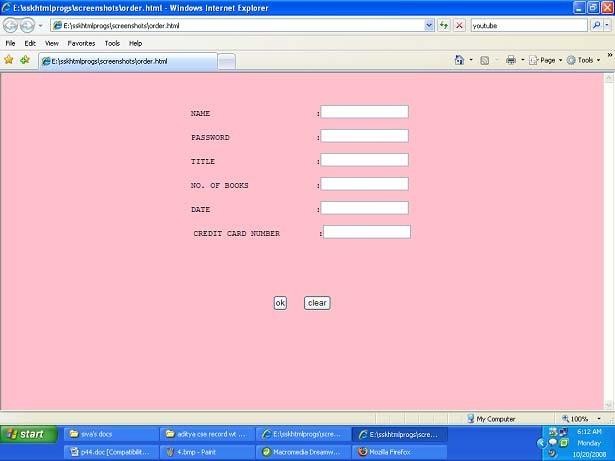
resp.sendError(500,e.toString());

}

} 35







# Redo the previous task using JSP by converting the static web page s of assignments 2 into dynamic web pages. Create a database with user information and books information. The books catalogue should be dynamically loaded from the database. Follow the MVC architecture while doing the website.

**PROCEDURE:**

1. Create your own directory under tomcat/webapps (e.g.tr1)
2. Copy the html files intr1
3. Copy the jsp files also intotr1
4. Start tomcat give the following command Catalina.batrun

At install‐dir/bin

1. at I.E give url ashttp://localhost:8081/tr1/main.html

# Main.html:

<html>

<body bgcolor=”pink”>

<br><br><br><br><br><br>

<h1 align=”center”>>U>ONLINE BOOK STORAGE</u></h1><br><br><br>

<h2 align=”center”><PRE>

<b> Welcome to online book storage. Press LOGIN if you are having id

Otherwise press REGISTRATION

</b></PRE></h2>

<br><br><pre>

<div align=”center”><a href=”/tr/login.html”>LOGIN</a>href=”/tr/log in.html”>REGISTRATION</a></div></pre>

</body></html>

# Login.html:

<html>

<body bgcolor=”pink”><br><br><br>

<form name="myform" method="post" action=/tr1/login.jsp">

<div align="center"><pre>

LOGIN ID :<input type="passwors" name="pwd"></pre><br><br> PASSWORD : <input type="password" name="pwd"></pre><br><br>

</div>

<br><br>

<div align="center">

<inputtype="submit"value="ok"onClick="validate()">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

</form>

</body></html>

# Reg.html:

<html>

<body bgcolor="pink"><br><br>

<form name="myform" method="post" action="/tr1/reg.jsp">

<div align="center"><pre> NAME :<input type="text"

name="name"><br> ADDRESS :<input type="text"name="addr"><br> CONTACT NUMBER :<input type="text" name="phno"><br> LOGINID : <input type="text"name="id"><br>

PASSWORD :<input type="password" name="pwd"></pre><br><br>

</div>

<br><br>

<div align="center">

<inputtype="submit"value="ok"

onClick="validate()">()">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

</form>

</body>

</html>

# Profile.html:

<html>

<body bgcolor="pink"><br><br>

<form name="myform" method="post" action="/tr1/profile.jsp">

<div align="center"><pre>

LOGINID : <input type="text"name="id"><br>

</pre><br><br>

</div>

<br><br>

<div align="center">

<inputtype="submit"value="ok" onClick="validate()">()">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

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

</form>

</body>

</html>

# Catalog.html:

<html>

<body bgcolor="pink"><br><br><br>

<form method="post" action="/tr1/catalog.jsp">

<div align="center"><pre>

BOOK TITLE :<input type="text" name="title"><br>

</pre><br><br>

</div>

<br><br>

<div align="center">

<inputtype="submit"value="ok" name=”button1”>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<inputtype="reset"value="clear"

name=”button2

”>

</form>

</body>

</html>

# Order.html:

<html>

<body bgcolor="pink"><br><br><br>

<form method="post" action="/tr1/order.jsp">

<div align="center"><pre> LOGINID :<input type="text"

name="id"><br>PASSWORD :<input type="password" name="pwd"><br> TITLE

:<input type="text"name="title"><br>

NO. OF BOOKS :<input type="text" name="no"><br> DATE : <input type="text"name="date"><br>

CREDIT CARD NUMBER :<input type="password" name="cno"><br></pre><br><br>

</div>

<br><br>

<div align="center">

<input type="submit" value="ok" name=”button1”>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear"name=”button2”>

</form>

</body>

</html>

# Login.jsp: 41

%@page import=”java.sql.\*”%

%@page import=”java.io.\*”%

<%

out.println(“<html><body bgcolor=\”pink\”>”); String

id=request.getParameter(“id”); String pwd=request.getParameter(“pwd”); Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d);

Connection con=DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:orcl”,”scott”,”tiger”); Statement stmt=con.createStatement();

String sqlstmt=”selectid,password from login where id=”+id+” and password=”+pwd+””; ResultSetrs=stmt.executeQuery(sqlstmt);

int flag=0; while(rs.nex t())

{

flag=1;

}

if(flag==0)

{

else

{

out.println(“SORRY INVALID ID TRY AGAIN ID<br><br>”);

out.println(“ <a href=\”/tr1/login.html\”>press LOGIN to RETRY</a>”);

}

out.println(“VALID LOGIN ID<br><br>”); out.println(“<h3><ul>”);

out.println(“<li><ahref=\”profile.html\”><fontcolor=\”black\”>USER PROFILE</font></a></li><br><br>”);

out.println(“<li><ahref=\”catalog.html\”><fontcolor=\”black\”>BOOKS CATALOG</font></a></li><br><br>”); out.println(“<li><ahref=\”order.html\”><fontcolor=\”black\”>ORDER

CONFIRMATION</font></a></li>< br><br>”); out.println(“</ul>”);

}

out.println(“<body></html>”);

%>

42

# Reg.jsp:

**%@page import=”java.sql.\*”%**

**%@page import=”java.io.\*”%**

**<%**

out.println(“<html><body bgcolor=\”pink\”>”); String name=request.getParameter(“name”); String addr=request.getParameter(“addr”);

String phno=request.getParameter(“phno”); String id=request.getParameter(“id”); String pwd=request.getParameter(“pwd”); int no=Integer.parseInt(phno);

Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.registerDriver(d); Connection con=

DriverManager.getConnection (“jdbc:oracle:thin:@localhost:1521:orcl”,”scott”,”tiger”); Statement stmt=con.createStatement();

String sqlstmt=”select id from login”; ResultSetrs=stmt.executeQuery(sql stmt); int flag=0;

while(rs.next())

{

if(id.equals(rs.getString(1)))

{

flag=1;

}

}

if(flag==1)

{

out.println(“SORRY LOGIN ID ALREADY EXISTS TRY AGAIN WITH NEW ID <br><br>”);

out.println(“<a href=\”/tr1/reg.html\”>press REGISTER to RETRY</a>”);

}

else

{

Statement stmt1=con.createStatement (); stmt1.executeUpdate (“insert into login values

(“+name+”,”+addr+”,”+no+”,”+id+”,”+pwd+”)”); out.println (“YOU DETAILS ARE ENTERED <br><br>”);

out.println (“<a href =\”/tr1/login.html\”>press LOGIN to login</a>”);

}

out.println (“</body></html>”);

%>

Profile.jsp: 43

<%@page import=”java.sql.\*”%>

<%@page import=”java.io.\*”%>

<%

out.println (“<html><body bgcolor=\”pink\”>”); String id=request.getParameter(“id”); Driver d=new oracle.jdbc.driver.OracleDriver(); DriverManager.regiserDriver(d);

Connection con=

DriverManager.getConnection(“jdbc:oracle:thin:@localhost:1521:orcl”,”s cott”,”tiger”); Statement stmt=con.createStatement ();

String sqlstmt=”select \* from login where id=”+id+””; ResultSetrs=stmt.executeQuery (sqlstmt);

int

flag=0; while(rs.next())

{

out.println (“<div align=\”center\”>”); out.println(“NAME

:”+rs.getString(1)+”<b r>”); out.println (“ADDRESS

:”+rs.getString(2)+”<br>”); out.println (“PHONE NO :”+rs.getString(3)+”<br>”); out.println (“</div>”);

flag=1;

}

if(flag==0)

{

out.println(“SORRY INVALID ID TRY AGAIN ID <br><br>”);

out.println(“<a href=\”/tr1/profile.html\”>press HERE to RETRY </a>”);

}

out.println (“</body></html>”);

%>

Catalog.jsp:

<%@page import=”java.sql.\*”%>

<%@page import=”java.io.\*”%>

<%

out.println (“<html><body bgcolor=\”pink\”>”); String title=request.getParameter (“title”); Driver d=new oracle.jdbc.driver.OracleDriver (); DriverManager.regiserDriver (d); Connection con=

DriverManager.getConnection (“jdbc:oracle:thin:@localhost:1521:orcl”,”scott”,”tiger”); Statement stmt=con.createStatement ();

String sqlstmt=”select \* from book where title=”+title+””; ResultSetrs=stmt.executeQuery (sqlstmt);

int flag=0; while(rs.nex t())

{

out.println (“<div align=\”center\”>”); out.println(“TITLE

:”+rs.getString(1)+”<br

>”); out.println (“AUTHOR

:”+rs.getString(2)+”<br>”); out.println (“VERSION:”+rs.getString(3)+”<br>”); out.println (“PUBLISHER :”

+rs.getString(4)+”<br>”); out.println (“COST :” +rs.getString(5)+”<br>”); out.println (“</div>”);

flag=1;

}

if(flag==0)

{

out.println(“SORRY INVALID ID TRY AGAIN ID <br><br>”);

out.println(“<a href=\”/tr1/catalog.html\”>press HERE to RETRY </a>”);

}

out.println (“</body></html>”);

%>

# Order.jsp:

<%@page import=”java.sql.\*”%>

<%@page import=”java.io.\*”%>

<%

out.println (“<html><body bgcolor=\”pink\”>”); String id=request.getParameter (“id”); String pwd=request.getParameter (“pwd”); String title=request.getParameter (“title”); String count1=request.getParameter (“no”); String date=request.getParameter (“date”); String cno=request.getParameter (“cno”); int count=Integer.parseInt(count1); Driver d=new oracle.jdbc.driver.OracleDriver (); DriverManager.regiserDriver (d); Connection con=

DriverManager.getConnection

(“jdbc:oracle:thin:@localhost:1521:orcl”,”scott”,”tiger”); Statement stmt=con.createStatement ();

String sqlstmt=”select id, password from login”; ResultSetrs=stmt.executeQuery (sqlstmt);

int flag=0,amount,x; while(rs.next())

{

if(id.equals(rs.getString(1))&&pwd.equals(rs.getString(2)))

{

flag=1;

}

}

if(flag==0)

{

}

els e{

{

}

out.println(“SORRY INVALID ID TRY AGAIN ID <br><br>”);

out.println(“<a href=\”/tr1/order.html\”>press HERE to RETRY </a>”);

Statement stmt2=con.createStatement(); String s=”select cost from book where title=”+title+””; ResultSet rs1=stmt2.executeQuery(s);

int flag1=0; while(rs1.nex t())

flag1=1; x=Integer.parseInt(rs1.getStri ng(1)); amount=count\*x; out.println(“AMOUNT

:”+amount+”<br><br><br><br>”); Statement stmt1=con.createStatement (); stmt1.executeUpdate (“insert into details

(“+id+”,”+title+”,”+amount+”,”+date+”,”+cno+”)”); out.println (“YOU ORDER HAS TAKEN<br>”);

if(flag1==0)

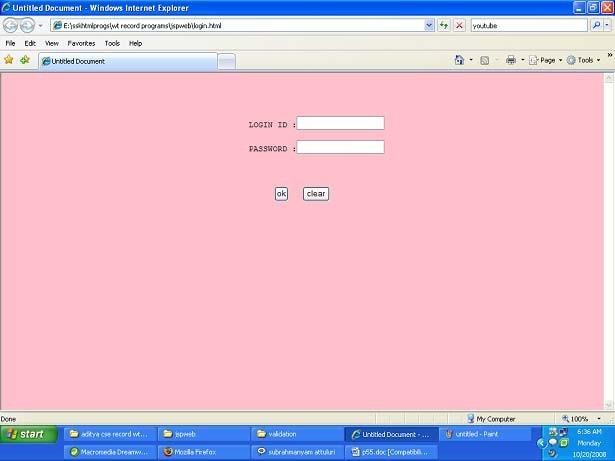
{

out.println(“SORRY INVALID BOOK TRY AGAIN <br><br>”);

out.println(“<a href=\”/tr1/order.html\”>press HERE to RETRY </a>”);

}

} out.println (“</body></html>”);%>

 **OUTPUT:**

****

