

Name: P.Amarnadh (22481A4285)

EXP NO: 1

AIM: Design the following static web pages required for an online book store web site.

- i. Home page:- must contains three frames
 - Top frame: - should contain logo and college name and links to homepage, login page, registration page and catalogue page.
 - Left frame: - at least four links for navigation which will display the catalogue of Respective links.
 - Right frame: - the pages to links in the left frame must be loaded here initially it Contains the description of the website
- ii. Login Page: - should contain Username and Password fields, Submit and reset buttons.
- iii. Registration Page: - should contain fields for Username, Password, Confirm Password, Gender, Date of Birth, Email Id, Mobile Number and Address.
- iv. Catalogue Page: - The details should contain the following details of books available in a tabular format: Snap shot of Cover Page, Author Name, Publisher details, Price and Add to Cart button.

1) HOME PAGE:

The static home page must contain three **frames**.

Top frame : Logo and the college name and links to Home page, Login page, Registration page, Catalogue page and Cart page (the description of these pages will be given below).

Left frame : At least four links for navigation, which will display the catalogue of respective links.

For e.g.: When you click the link “CSE” the catalogue for **CSE** Books should be displayed in the Right frame.

Right frame: The pages to the links in the left frame must be loaded here. Initially this page contains description of the web site.

Logo	Web Site Name			
Home	Login	Registration	Catalogue	Cart
CSE ECE EEE CIVIL	Description of the Web Site			

Fig 1.1

2) LOGIN PAGE:

This page looks like below:

Logo	Web Site Name			
Home	Login	Registration	Catalogue	Cart

CSE
ECE
EEE
CIVIL

Login :
Password:

Submit

Reset

3) REGISTRATION PAGE

registration.html

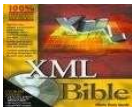

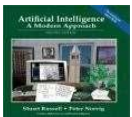

Welcome to Registration page





User Name	<input type="text" value="surendra"/>
Password	<input type="password" value="....."/>
Conform Password	<input type="password" value="....."/>
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Others
Date-of-Birth	<input type="text" value="13 - 07 - 2003"/> <input type="button" value="📅"/>
E-mail	<input type="text" value="pnsurendrababu@gmail.coi"/>
Mobile	<input type="text" value="9392986693"/>
Address	<input type="text" value="3-50, Shesharatnam comple"/>
<input type="button" value="submit"/>	
<input type="button" value="reset"/>	

4) CATOLOGUE PAGE:

The catalogue page should contain the details of all the books available in the web site in a table.
The details should contain the following:

1. Snap shot of Cover Page.
2. Author Name.
3. Publisher.
4. Price.
5. Add to cart button.

Logo	Web Site Name			
	Home	Login	Registration	Cart
CSE		Book : XML Bible Author : Winston Publication : Wiely	\$ 40.5	
AIDS				
AIML		Book : AI Author : S.Russel Publication : Princeton hall	\$ 63	
ECE				

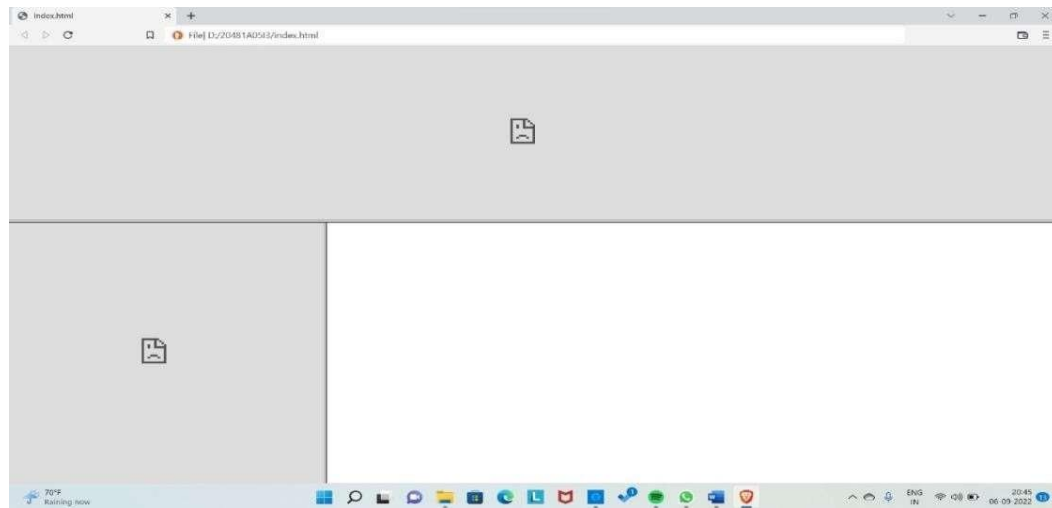
	Book : Java 2 Author : Watson Publication : BPB publications	\$ 35.5	
	Book : HTML in 24 hours Author : Sam Peter Publication : Sam publication	\$ 50	

Source Code

PROGRAM:

```
<frameset rows="40%,*">
<frame name="11" src="top.html" target="13">
<frameset cols="30%,*">
<frame name="12" src="left.html" target="13">
<frame name="13" target="13" >
</frameset>
</frameset>
```

OUTPUT:

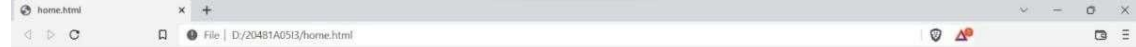


1. HOME PAGE: Must contain three frames

PROGRAM:

```
<!DOCTYPE html>
<html>
<body >
<marquee behavior="alternate" text="black"><h1>welcome to home page ... </h1></marquee>
<p><i>Online Book store is an online web application where the customer can purchase books online.
Through a web browser the customers can search for a book by its title or author, later can add to
the shopping cart.</i></p>
</body>
</html>
```

OUTPUT:



welcome to home page....

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title or author, later can add to the shoppi

TOP FRAME: Should contain logo and college name and links to homepage, login page, registration page and catalogue page.

PROGRAM:

```
<!DOCTYPE html>
<html>
<head>
<title>top</title>
</head>
<body background="lib.jpg">

<marquee behavior="alternate" direction="right" bgcolor="white">Gudlavalleru
Engineering College </marquee>
<table align="center" border="0">
<tr>
<td colspan="5"><h1 align="center" text="white">Welcome to Library</h1></td>
</tr>

<tr bgcolor="white">
<td><a href="home.html" target="13">Home</a></td>
<td><a href="login.html" target="13">Login</a></td>
<td><a href="registration.html" target="13">Registration</a></td>
<td><a href="catlounge.html" target="13">Catlounge</a></td>
<td><a href="Cart.html" target="13">Cart</a></td>
</tr>
</table>
</body>
</html>
```

OUTPUT:



LEFT FRAME: At least four links for navigation which will display the catalogue of respective links

PROGRAM:

```
<!DOCTYPE html>
<html>
<body>
<a href="cse.html" target="13">CSE</a><br/>
<a href="aids.html" target="13">AIDS</a><br/>
<a href="aiml.html" target="13">AIML</a><br/>
<a href="ece.html" target="13">ECE</a><br/>
</body>
</html>
```

OUTPUT:



CSE
AIDS
AIML
ECE

RIGHT FRAME: The page to links in the left frame must be loaded here initially it contains the description of the website.

CATALOGUE PAGE OF CSE PROGRAM:

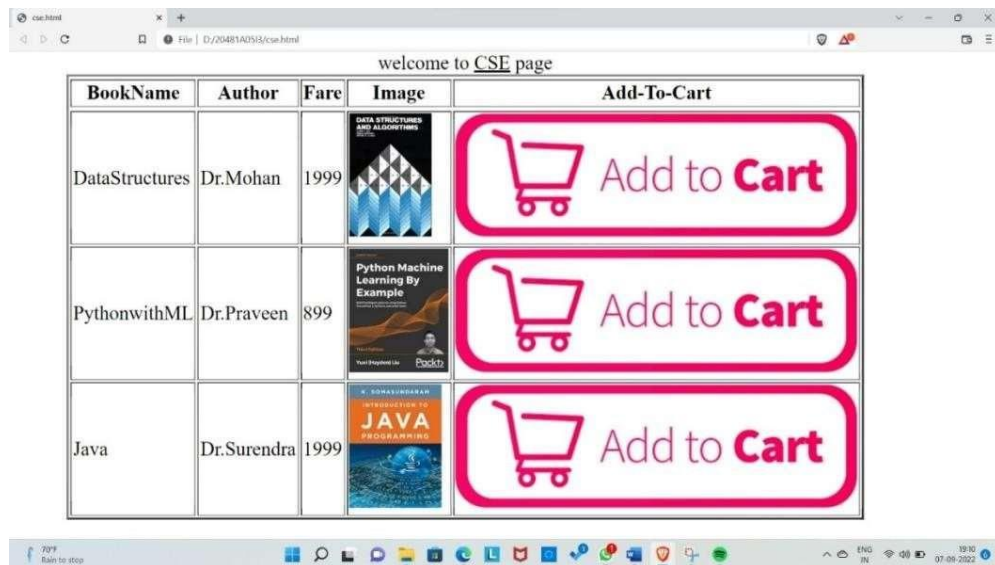
```
<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>CSE</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
```

```

<td>1999</td>
<td><imgsrc="datastructures.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td><imgsrc="pythonwithml.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendra</td>
<td>1999</td>
<td><imgsrc="java.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
</table>
</body>
</html>

```

OUTPUT:



CATALOGUE PAGE OF AIDS PROGRAM:

```

<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>AIDS</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>

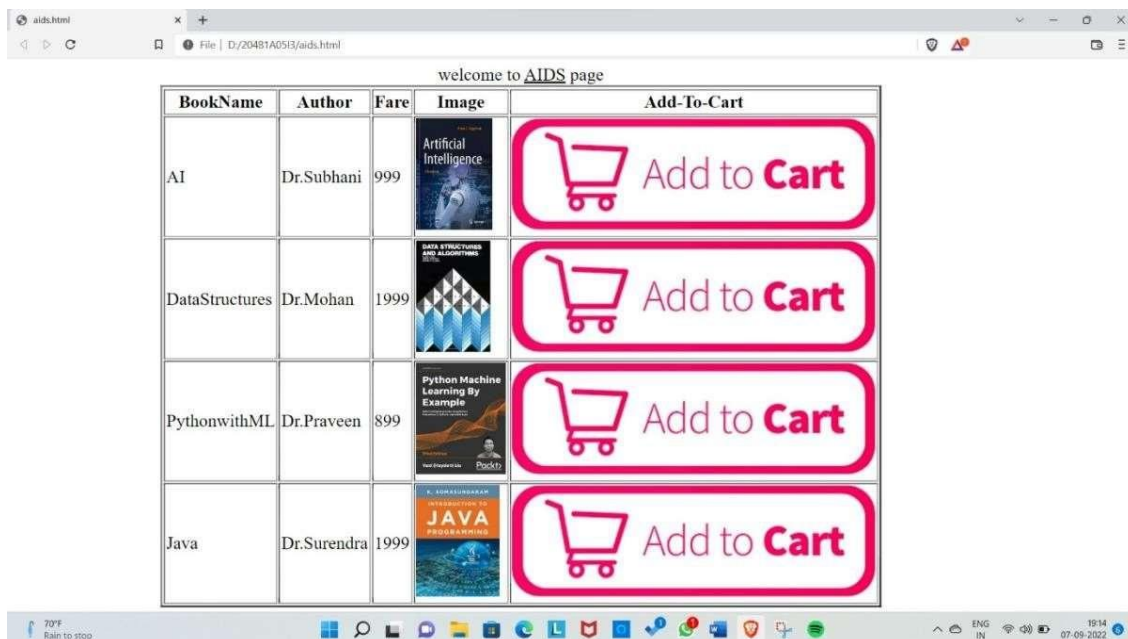
```

```

</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td><imgsrc="ai.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td><imgsrc="datastructures.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td><imgsrc="pythonwithml.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendra</td>
<td>1999</td>
<td><imgsrc="java.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
</table>
</body>
</html>

```

OUTPUT:



CATALOGUE PAGE OF AIML PROGRAM:

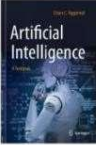



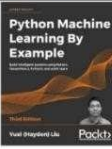

```
<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>AIML</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td><imgsrc="ai.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td><imgsrc="datastructures.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td><imgsrc="pythonwithml.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
</table>
</body>
</html>
```

OUTPUT:


aiml.html

File | D:/20481A0513/aiml.html

welcome to AIML page

BookName	Author	Fare	Image	Add-To-Cart
AI	Dr.Subhani	999		 Add to Cart
DataStructures	Dr.Mohan	1999		 Add to Cart
PythonwithML	Dr.Praveen	899		 Add to Cart

70°F
Rain to stop

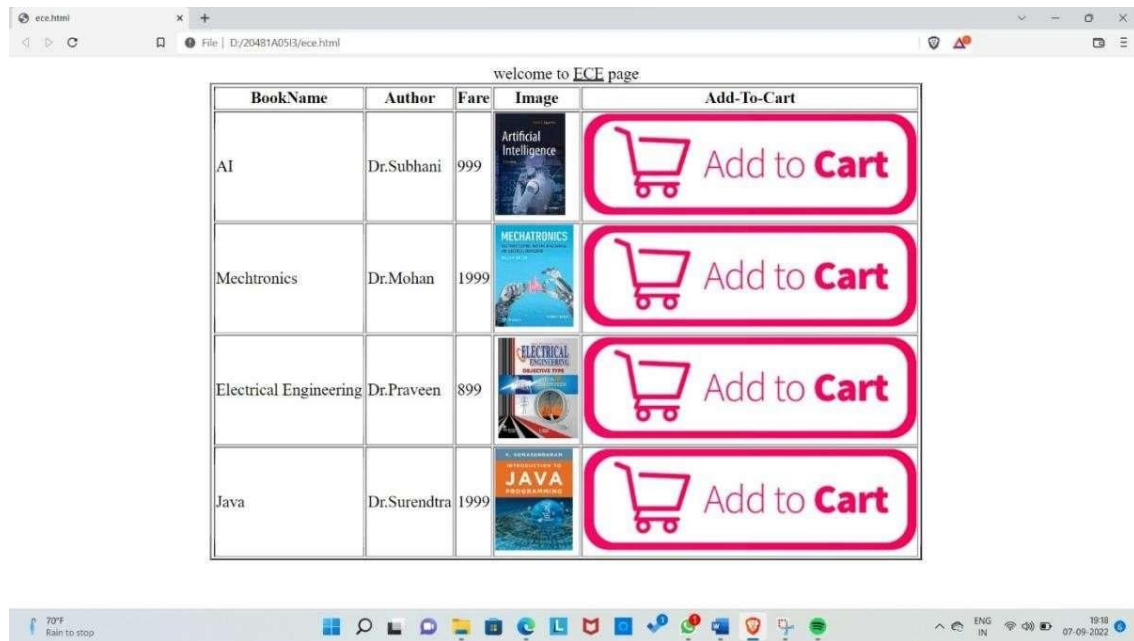


ENG
IN 19:17
07-09-2022

CATALOGUE PAGE OF ECE PROGRAM:

```
<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <U>ECE</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td><imgsrc="ai.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>Mechtronics</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td><imgsrc="mech.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>Dr.Praveen</td>
<td>899</td>
<td><imgsrc="electrical.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendtra</td>
<td>1999</td>
<td><imgsrc="java.jpg" height="100" weidth="100"></td>
<td><imgsrc="addtocart.jpg" height="100" weidth="100"></td>
</tr>
</table>
</body>
</html>
```

OUTPUT:



LOGIN PAGE: Should contain username and password fields, submit and reset buttons
PROGRAM:

```

<!DOCTYPE html>
<html>
<body>
<form name="1" method="get">
<table align="center" border="2">
<caption align="center">Welcome to Login page</caption>
<tr>
<td>User Name</td>
<td><input type="text" name="2" pattern="[a-zA-Z]{4,30}" placeholder="only characters"></td>
</tr>
<tr>
<td>Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#%&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td><input type="submit" value="submit"></td>
</tr>
<tr>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</body>
</html>

```

OUTPUT:



REGISTRATION PAGE: Should contain fields for username, password, confirm password, gender, date of birth, email id, mobile number and address

PROGRAM:

```
<!DOCTYPE html>
<html>
<body >
<form name="1" method="get">
<table align="center" border="2">
<caption align="center">Welcome to Registration page</caption>
<tr>
<td>User Name</td>
<td><input type="text" name="2" pattern="[a-zA-Z]{4,30}" placeholder="only characters"></td>
</tr>
<tr>
<td>Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td> Conform Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td>Gender</td>
<td>
<input type="radio" name="gen">Male
<input type="radio" name="gen">Female
<input type="radio" name="gen">Others
</td>
</tr>
<tr>
<td>Date-of-Birth</td>
<td><input type="date"></td>
</tr>
<tr>
<td>E-mail</td>
<td><input type="mail" pattern="[a-zA-Z@.]{5,30}" placeholder="enter mail" ></td>
</tr>
<tr>
<td>Mobile</td>
<td><input type="tel" placeholder="number"></td>
</tr>
<tr>
<td>Address</td>
<td><input type="text area" placeholder="enter address"></td>
</tr>
<tr>
<td><input type="submit" value="submit"></td>
</tr>
<tr>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</body>
</html>
```

OUTPUT:

registration.html x +
File | D:/20481A0513/registration.html

Welcome to Registration page

User Name	surendra
Password
Conform Password
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Others
Date-of-Birth	13 - 07 - 2003
E-mail	pnsurendrababu@gmail.coi
Mobile	9392986693
Address	3-50,Shesharatnam comple
<input type="button" value="submit"/>	
<input type="button" value="reset"/>	

CATALOGUE PAGE: The details should contain the following details of books available in a tabular format: snapshot of cover page, author name, publisher details, price and add to cart button

PROGRAM:

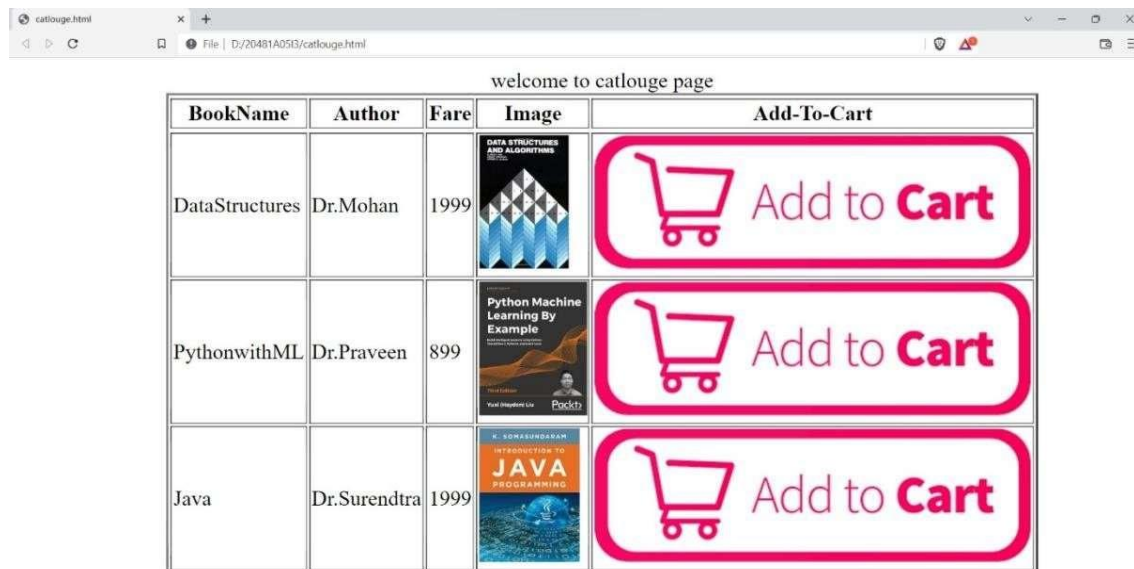
```
<!DOCTYPE html>
<html>
<body >
<table align="center" border="2">
<caption align="center">welcome to catlouge page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td></td>
<td></td>
</tr>
<tr>
```

```

<td>Java</td>
<td>Dr.Surendra</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
</table>
</body>
</html>

```

OUTPUT:



CART PAGE: Books selected from catalogue pages of CSE, AI&DS, AI&ML and IT pages should be shown in the cart page as they are added to cart

PROGRAM:

```

<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">Cart details</caption>
<tr>
<th>BookName</th>
<th>Fare</th>
<th>Quantity</th>
<th>Total</th>
</tr>
<tr>
<td>AI</td>

```

```
<td>999</td>
<td>1</td>
<td>999</td>
</tr>
<tr>
<td>DataStructures</td>
<td>1999</td>
<td>2</td>
<td>3998</td>
</tr>
<tr>
<td>PythonwithML</td>
<td>899</td>
<td>1</td>
<td>899</td>
</tr>
<tr>
<td colspan="3">Total Amount</td>
<td>5896</td>
</table>
</body>
</html>
```

OUTPUT:

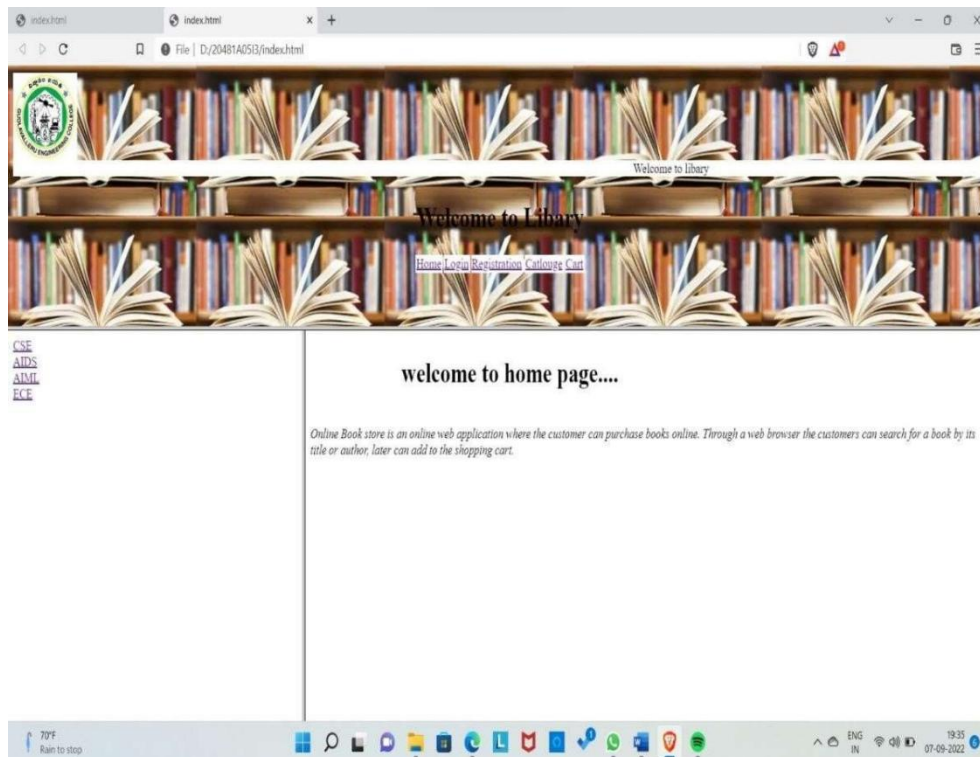


Cart details

BookName	Fare	Quantity	Total
AI	999	1	999
DataStructures	1999	2	3998
PythonwithML	899	1	899
Total Amount			5896



ONLINE BOOK STORE:



Execution Procedure

- Step1: type all html programs in notepad or any text editor and save .html format.
- Step2: open web browser and open index.html
- Step3: traverse all pages from index.html.

VIVA-QUESTIONS

Name: P.Amarnadh (22481A4285)

EXP NO: 2

Aim:

Design a web page using CSS which includes the following:

- i. Use different font and text properties.**
- ii. Set a background image for both the page and single element on the page.**
- iii. Define styles for links.**
- iv. Add Customized cursors.**

Description

Source-code

Web.css

```
p.justify
{
color:brown;
font-size:large;
text-transform:capitalize;
text-align:justify;
font-weight:200;
letter-spacing:-3;
word-spacing:5;
}
h1
{
color:red;
font-size:large;
text-transform:uppercase;
text-align:center;
text-decoration:underline;
}
body
{
background-image:url('book1.jpg');
background-repeat:no-repeat;
background-attachment:fixed;
background-color:olive;
}
a:link
{
color:red;
font-family:tahoma;
font-size:12pt;
}
a:visited
{
color:pink;
font-family:calibri;
font-size:20pt;
text-decoration:underline;
}
```

```

a:active
{
color:orange;
font-family:cambria;
font-size:20pt;
}
a:hover
{
color:pink;
font-family:Brush Script MT;
font-size:22pt;
text-decoration:underline;
}
.auto {cursor: auto;}table
{
border-collapse: collapse;
width: 100%;
}
th, td
{
text-align: left;
padding: 8px;
}
tr:nth-child(even){background-color:pink}
th
{
background-color:pink;
color: white;
}

```

Web1.css:

```

p.justify
{
color:pink;
font-size:large;
text-transform:capitalize;
text-align:justify;
font-weight:200;
letter-spacing:-3;
word-spacing:5;
}
h1
{
color:red;
font-size:large;
text-transform:uppercase;
text-align:center;
text-decoration:underline;
}
body
{
background-image:url('book1.jpg');
background-repeat:no-repeat;
background-attachment:fixed;
background-color:skyblue;
}

```

```
a:link
{
color:red;
font-family:tahoma;
font-size:12pt;
}
a:visited
{
color:black;
font-family:calibri;
font-size:20pt;
text-decoration:underline;
}
a:active
{
color:orange;
font-family:cambria;
font-size:20pt;
}
a:hover
{
color:pink;
font-family:Brush Script MT;
font-size:22pt;
text-decoration:overline;
}
.auto {cursor: auto;}
```

Web2.css:

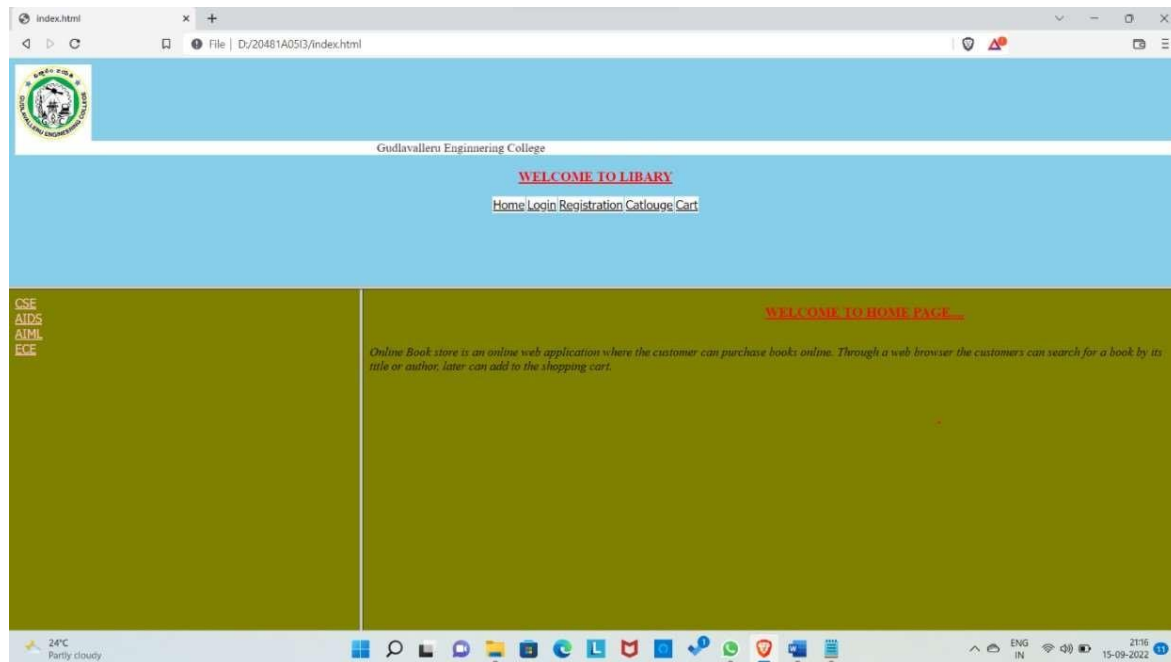
```
h1
{
    color:red;
font-size:large;
text-transform:uppercase;
text-align:center;
text-decoration:underline;
}
body
{
background-color:white;
}
#customers
{
    font-family: Arial, Helvetica, sans-serif;
border-collapse: collapse;
width: 100%;
}
#customers td, #customers th
{
border: 1px solid;
padding: 8px;
}
#customers tr:nth-child(even){background-color:skyblue;}
#customers tr:hover {background-color:skyblue;}
#customers th
```

```
{
padding-top: 12px;
padding-bottom: 12px;
text-align: center;
background-color: pink;
color: white;
}
```

Index.html :

```
<frameset rows="40%,*">
<frame name="11" src="top.html" target="13">
<frameset cols="30%,*">
<frame name="12" src="left.html" target="13">
<frame name="13" target="13" >
</frameset>
</frameset>
```

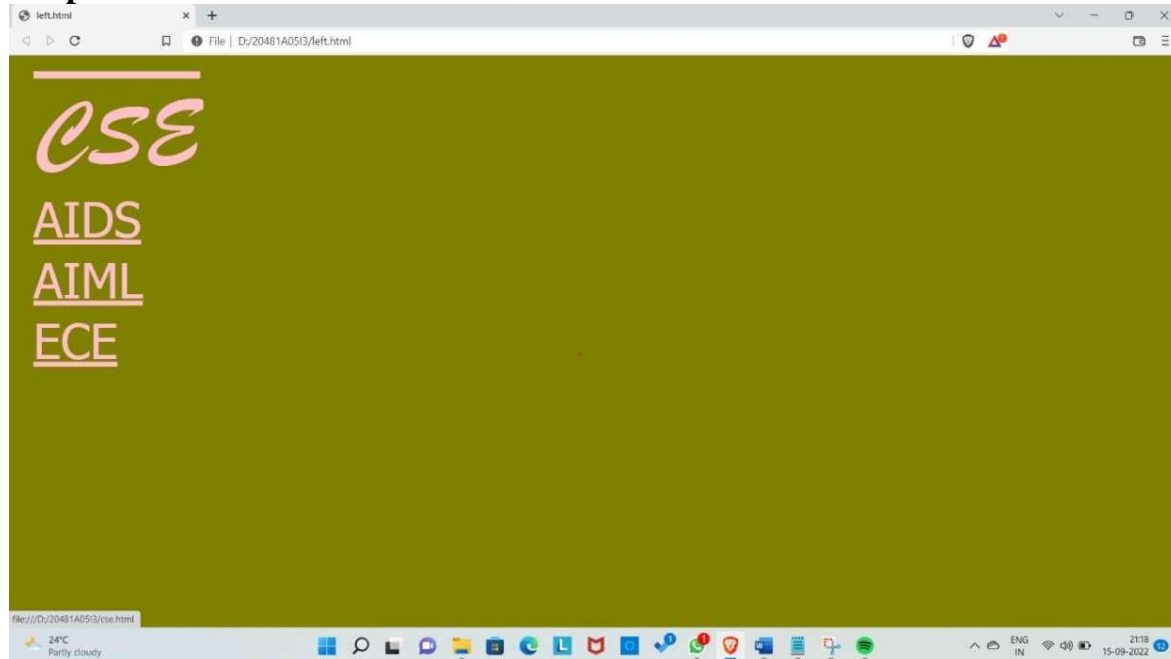
Output:



Left.html

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="web.css">
</head>
<body>
<a href="cse.html" target="13">CSE</a><br/>
<a href="aids.html" target="13">AIDS</a><br/>
<a href="aiml.html" target="13">AIML</a><br/>
<a href="ece.html" target="13">ECE</a><br/>
</body>
</html>
```

Output:



Top.html :

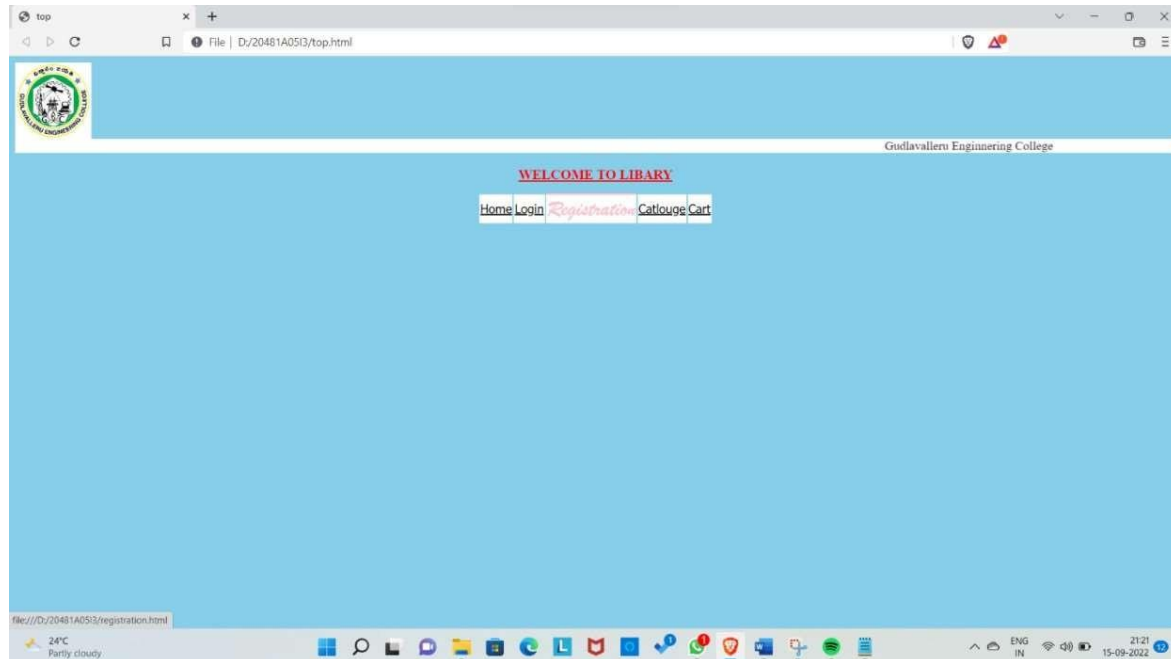
```
<!DOCTYPE html>
<html>
<head>
<title>top</title>
<link rel="stylesheet" type="text/css" href="web1.css">
</head>
<body background="lib.jpg">

<marquee behavior="alternate" direction="right" bgcolor="white">Gudlavalleru Enginnering
College</marquee>
<table align="center" border="0">
<tr>
<td colspan="5"><h1 align="center" text="white">Welcome to Libary</h1></th>
</tr>

<tr bgcolor="white">
<td><a href="home.html" target="13">Home</a></td>

<td><a href="login.html" target="13">Login</a></td>
<td><a href="registration.html" target="13">Registration</a></td>
<td><a href="catlouge.html" target="13">Catlouge</a></td>
<td><a href="Cart.html" target="13">Cart</a></td>
</tr>
</table>
</body>
</html>
```

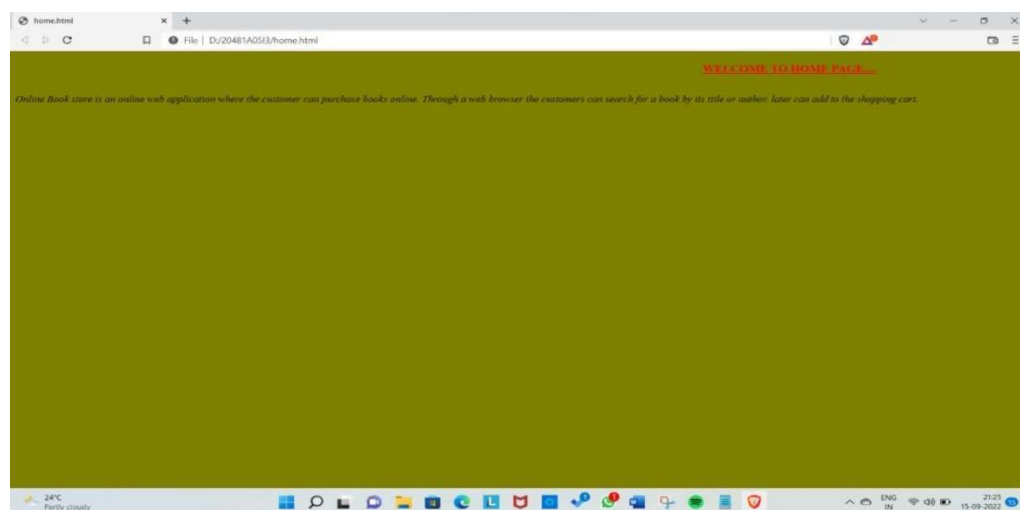
Output:



Home.html

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="web.css">
</head>
<body >
<marquee behavior="alternate" text="black"><h1>welcome to home page ... </h1></marquee>
<p><i>Online Book store is an online web application where the customer can purchase books online.
Through a web browser the customers can search for a book by its title or author, later can add to
the shopping cart.</i></p>
</body>
</html>
```

Output:



Login.html :

```

<!DOCTYPE html>
<html>
<body>
<form name="1" method="get">
<table align="center" border="2">
<caption align="center">Welcome to Login page</caption>
<tr>
<td>User Name</td>
<td><input type="text" name="2" pattern="[a-zA-Z]{4,30}" placeholder="only characters"></td>
</tr>
<tr>
<td>Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td><input type="submit" value="submit"></td>
</tr>
<tr>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</body>
</html>

```

Output:

The screenshot shows a web browser window with the title 'login.html' and the address bar displaying the file path 'D:/20481A053/login.html'. The browser's address bar also shows a shield icon and a red 'A' icon. The page content is a login form with a table border. The table has a caption 'Welcome to Login page'. It contains two rows of input fields: 'User Name' with the value 'surendra' and 'Password' with masked characters '.....'. Below the input fields are two buttons: 'submit' and 'reset'.

Registration.html :

```

<!DOCTYPE html>

```

```

<html>
<body >
<form name="1" method="get">
<table align="center" border="2">
<caption align="center">Welcome to Registration page</caption>
<tr>
<td>User Name</td>
<td><input type="text" name="2" pattern="[a-zA-Z]{4,30}" placeholder="only characters"></td>
</tr>
<tr>
<td>Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td>Conform Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
<tr>
<td>Gender</td>
<td>
<input type="radio" name="gen">Male
<input type="radio" name="gen">Female
<input type="radio" name="gen">Others
</td>
</tr>
<tr>
<td>Date-of-Birth</td>
<td><input type="date"></td>
</tr>
<tr>
<td>E-mail</td>
<td><input type="mail" pattern="[a-zA-Z@.]{5,30}" placeholder="enter mail" ></td>
</tr>
<tr>
<td>Mobile</td>
<td><input type="tel" placeholder="number"></td>
</tr>
<tr>
<td>Address</td>
<td><input type="text area" placeholder="enter address"></td>
</tr>
<tr>
<td><input type="submit" value="submit"></td>
</tr>
<tr>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</body>
</html>

```


Output:

registration.html

File | D:/20481A053/registration.html

Welcome to Registration page

User Name	surendra
Password
Conform Password
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Others
Date-of-Birth	13 - 07 - 2003
E-mail	pnsurendrababu@gmail.coi
Mobile	9392986693
Address	3-50,shesharatnam comple
<input type="button" value="submit"/>	
<input type="button" value="reset"/>	

24°C Partly cloudy

15-09-2022 21:11

Catalogue.html :

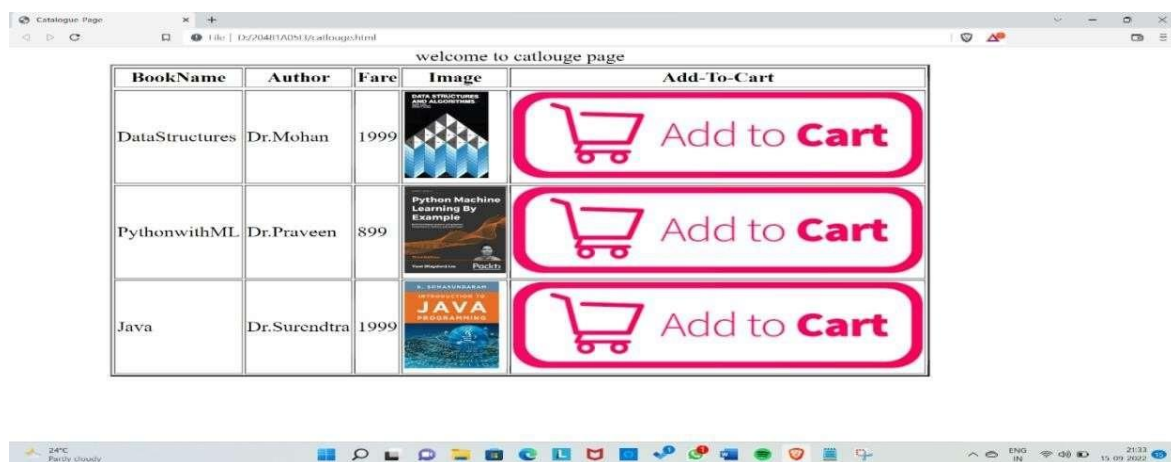
```
<!DOCTYPE html>
<html>
<head>
    <title>Catalogue-Page</title>
    <link rel="stylesheet" type="text/css" href="web2.css">
</head>
<body >
<table align="center" border="2">
<caption align="center">welcome to catlounge page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendra</td>
```

```

<td>1999</td>
<td></td>
<td></td>
</tr>
</table>
</body>
</html>

```

Output:



Cart.html :

```

<!DOCTYPE html>
<html>
<body >
<table align="center" border="2" >
<caption align="center">Cart details</caption>
<tr>
<th>BookName</th>
<th>Fare</th>
<th>Quantity</th>
<th>Total</th>
</tr>
<tr>
<td>AI</td>
<td>999</td>
<td>1</td>
<td>999</td>
</tr>
<tr>
<td>DataStructures</td>
<td>1999</td>
<td>2</td>
<td>3998</td>
</tr>
<tr>

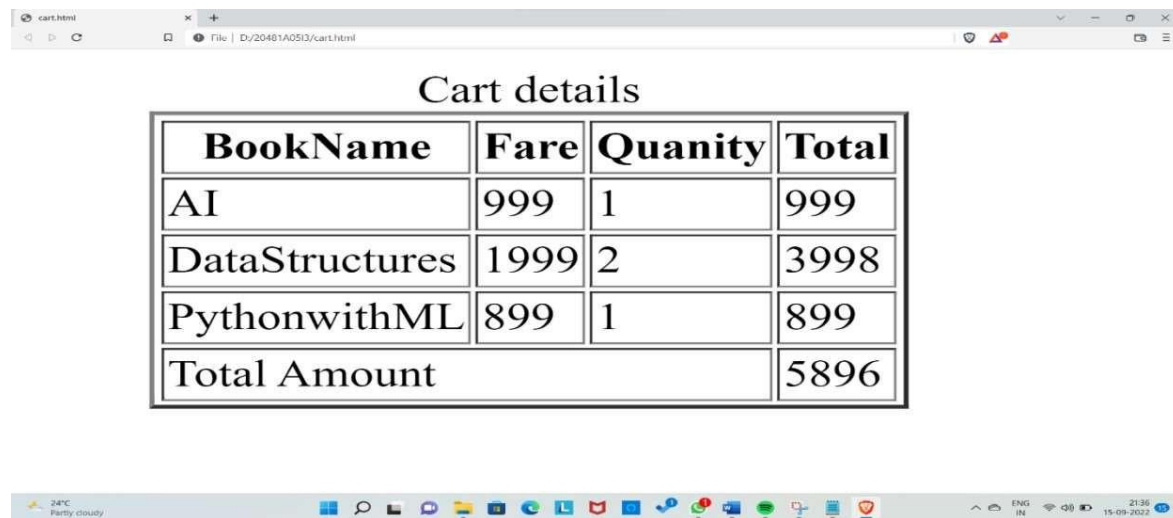
```

```

<td>PythonwithML</td>
<td>899</td>
<td>1</td>
<td>899</td>
</tr>
<tr>
<td colspan="3">Total Amount</td>
<td>5896</td>
</table>
</body>
</html>

```

Output:



The screenshot shows a web browser window with a single tab titled 'cart.html'. The address bar shows the file path 'D:\20461A0503\cart.html'. The main content area displays a table titled 'Cart details'. The table has four columns: 'BookName', 'Fare', 'Quantity', and 'Total'. It contains four rows of data: 'AI' with fare 999 and quantity 1; 'DataStructures' with fare 1999 and quantity 2; 'PythonwithML' with fare 899 and quantity 1; and a 'Total Amount' row with a total of 5896. The browser's taskbar at the bottom shows the system clock as 21:36 on 15-09-2022, along with various icons for applications and system status.

BookName	Fare	Quantity	Total
AI	999	1	999
DataStructures	1999	2	3998
PythonwithML	899	1	899
Total Amount			5896

Cse.html :

```

<!DOCTYPE html>
<html>
<head>
<title>Catalogue-Page</title>
<link rel="stylesheet" type="text/css" href="web2.css">

</head>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>CSE</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>

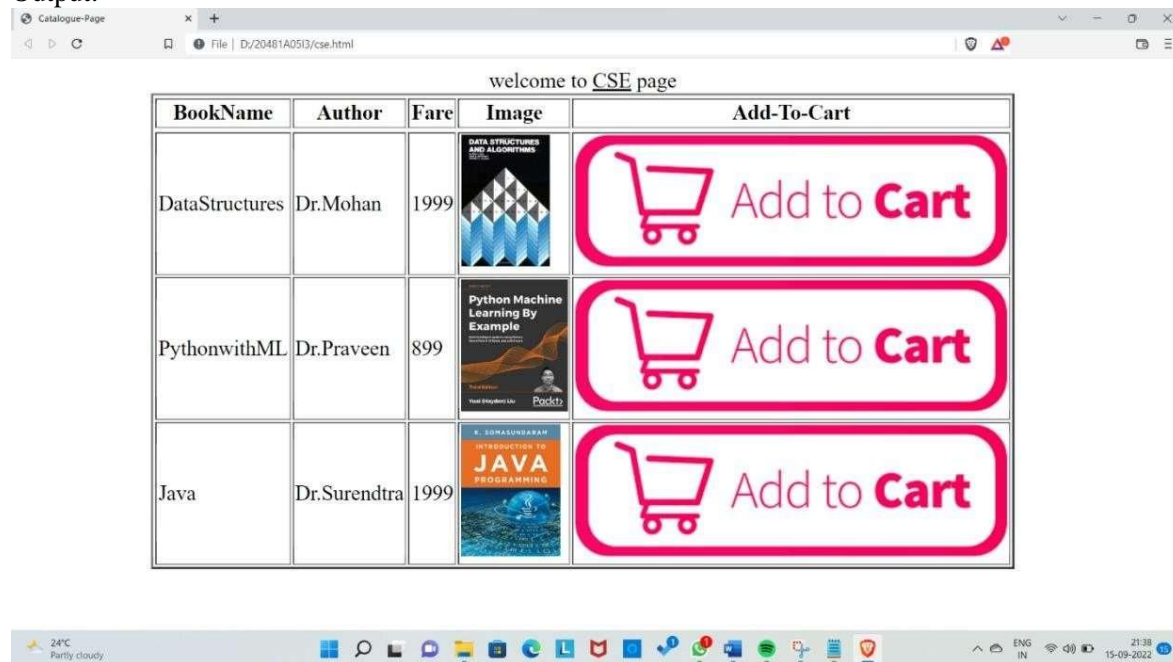
```

```

<td></td>
<td></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendra</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
</table>
</body>
</html>

```

Output:



AIDS.html:

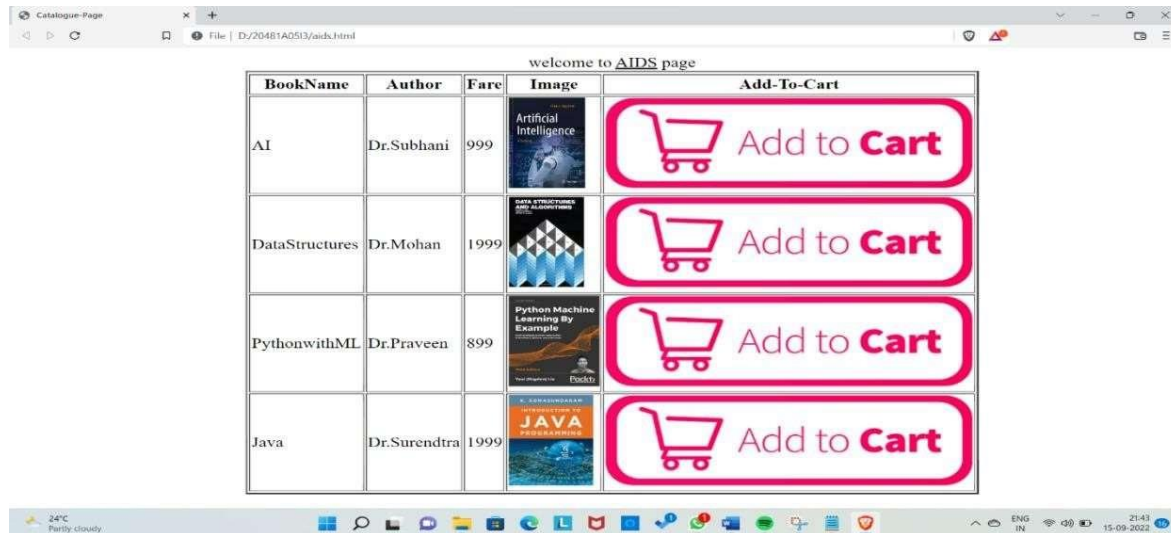
```

<!DOCTYPE html>
<html>
<head>
<title>Catalogue-Page</title>
<link rel="stylesheet" type="text/css" href="web2.css">
</head>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>AIDS</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>

```

```
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendtra</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
</table>
</body>
</html>
```

Output:



AIML.html:

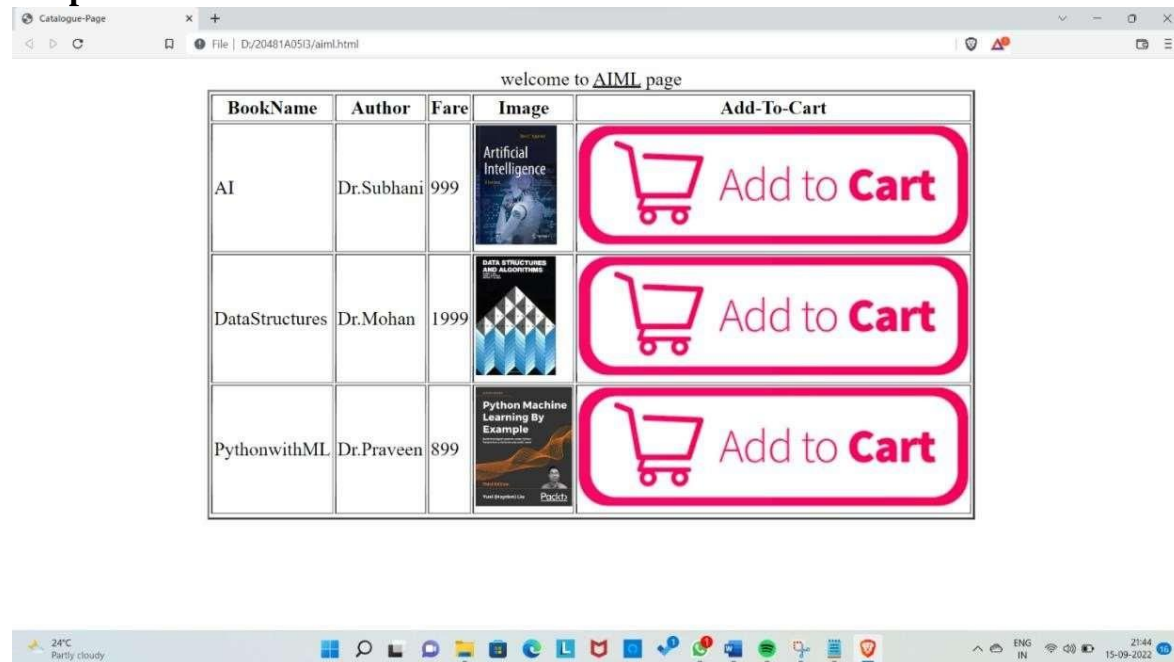
```
<!DOCTYPE html>
<html>
<head>
    <title>Catalogue-Page</title>
    <link rel="stylesheet" type="text/css" href="web2.css">
</head>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <u>AIML</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DataStructures</td>
<td>Dr.Mohan</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PythonwithML</td>
<td>Dr.Praveen</td>
<td>899</td>
```

```

<td></td>
<td></td>
</tr>
<tr>
</table>
</body>
</html>

```

Output:



ECE.html:

```

<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" type="text/css" href="web2.css">
</head>
<body >
<table align="center" border="2" >
<caption align="center">welcome to <U>ECE</u> page</caption>
<tr>
<th>BookName</th>
<th>Author</th>
<th>Fare</th>
<th>Image</th>
<th>Add-To-Cart</th>
</tr>
<tr>
<td>AI</td>
<td>Dr.Subhani</td>
<td>999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechtronics</td>

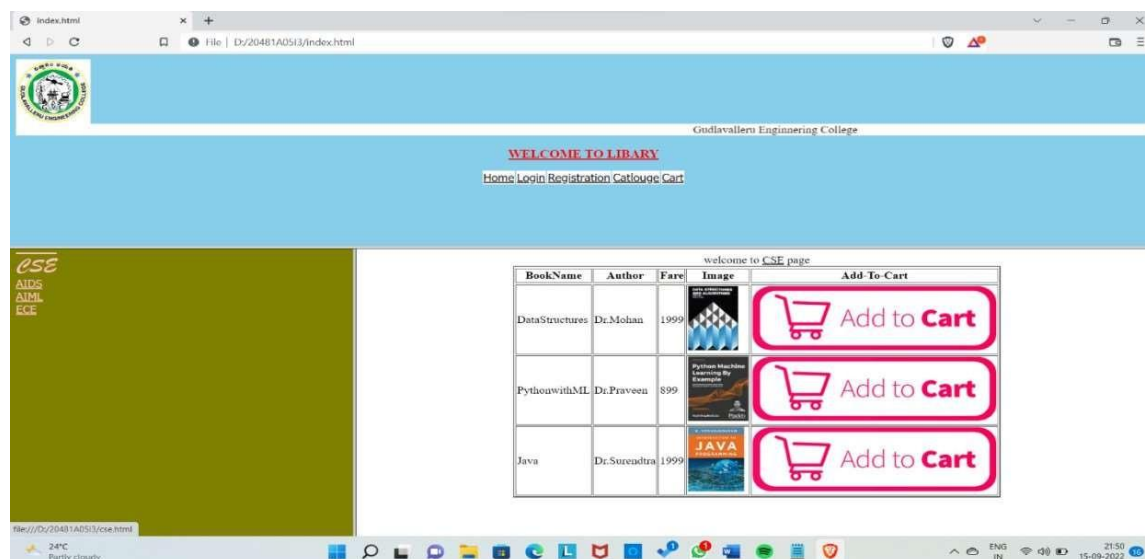
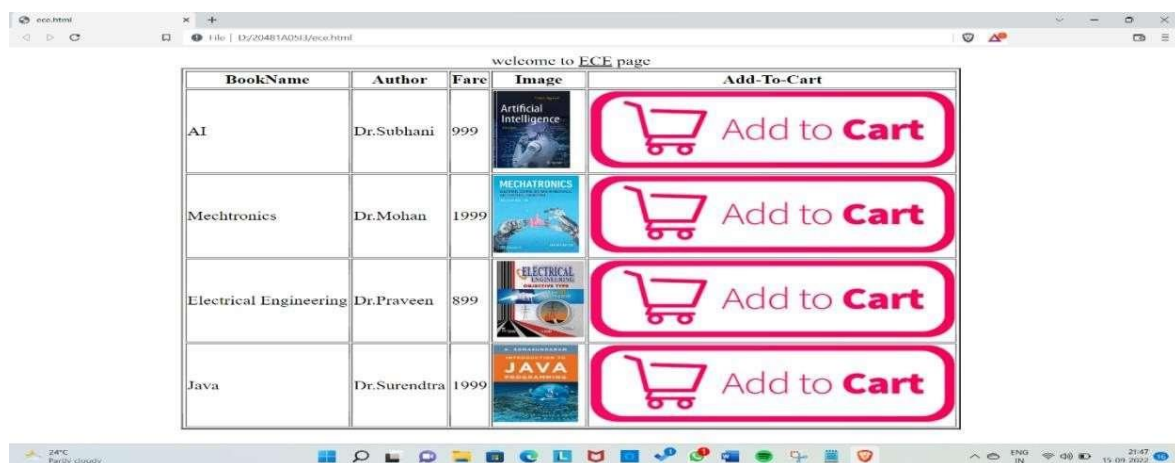
```

```

<td>Dr.Mohan</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>Dr.Praveen</td>
<td>899</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td>Dr.Surendtra</td>
<td>1999</td>
<td></td>
<td></td>
</tr>
</table>
</body>
</html>

```

Output:



Execution Procedure

Step1: type all html programs in notepad or any text editor and save .html format.

Step2: open web browser and open index.html, i.e previous week.

Step3: traverse all pages from index.html.

VIVA-QUESTIONS

Name: P.Amarnadh (22481A4285)

EXP NO: 3

Aim:

Write an XML file which will display the Book information which includes the following:

Title of the book, Author Name, ISBN number, Publisher name, Edition and Price.

Validate the above document using DTD

Description

Extensible Markup Language (XML) is a meta-markup language that provides a format for describing structured data. This facilitates more precise declarations of content and more meaningful search results across multiple platforms. In addition, XML is enabling a new generation of Web-based data viewing and manipulation applications.

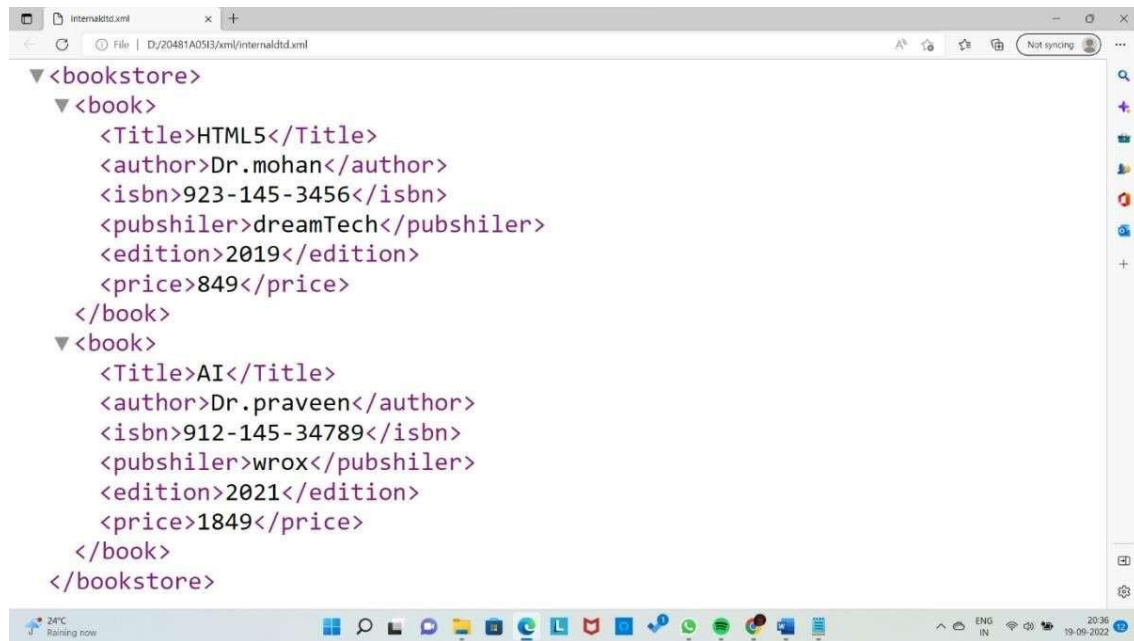
In the HTML you use tags to tell the browser to display data as bold or italic; in XML you use tags only to describe data, such as city name, temperature, and barometric pressure. In XML, you use style sheets such as Extensible Stylesheet Language (XSL) and Cascading Style Sheets (CSS) to present the data in a browser. XML separates the data from the presentation and the process, enabling you to display and process the data as you wish by applying different style sheets and applications.

Source-Code

Internal.DTD:

```
<?xml version="1.0" ?>
<!DOCTYPE bookstore [
<!ELEMENT bookstore (book+) >
<!ELEMENT book (title,author+,isbn,pub,edi,price?) >
<!ELEMENT title (#PCDATA) >
<!ELEMENT author (#PCDATA) >
<!ELEMENT isbn (#PCDATA) >
<!ELEMENT pub (#PCDATA) >
<!ELEMENT edi (#PCDATA) >
<!ELEMENT price (#PCDATA) >
]>
<bookstore>
    <book>
        <Title>HTML5</Title>
        <author>Dr.mohan</author>
        <isbn>923-145-3456</isbn>
        <pubshiler>dreamTech</pubshiler>
        <edition>2019</edition>
        <price>849</price>
    </book>
    <book>
        <Title>AI</Title>
        <author>Dr.praveen</author>
        <isbn>912-145-34789</isbn>
        <pubshiler>wrox</pubshiler>
        <edition>2021</edition>
        <price>1849</price>
    </book>
</bookstore>
```

Output:



External-DTD using PRIVATE

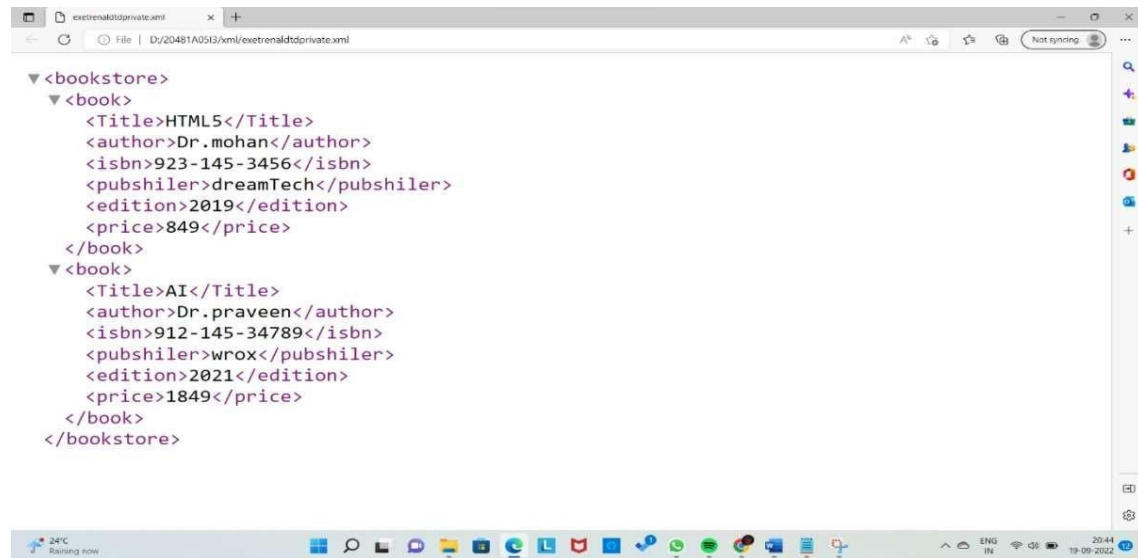
book.dtd:

```
<!ELEMENT bookstore (book+) >
<!ELEMENT book (title,author+,isbn,pub,edi,price?) >
<!ELEMENT title (#PCDATA) >
<!ELEMENT author (#PCDATA) >
<!ELEMENT isbn (#PCDATA) >
<!ELEMENT publication (#PCDATA) >
<!ELEMENT edition (#PCDATA) >
<!ELEMENT price (#PCDATA) >
```

Externaldtdprivate:

```
<?xml version="1.0"?>
<bookstore>
  <book>
    <Title>HTML5</Title>
    <author>Dr.mohan</author>
    <isbn>923-145-3456</isbn>
    <pubshiler>dreamTech</pubshiler>
    <edition>2019</edition>
    <price>849</price>
  </book>
  <book>
    <Title>AI</Title>
    <author>Dr.praveen</author>
    <isbn>912-145-34789</isbn>
    <pubshiler>wrox</pubshiler>
    <edition>2021</edition>
    <price>1849</price>
  </book>
</bookstore>
```

Output:



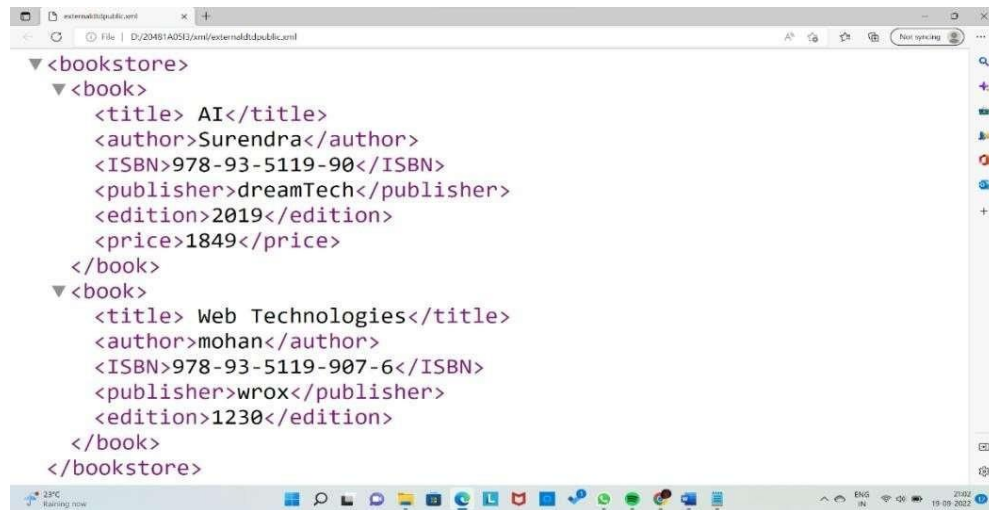
Book.dtd:

```
<!ELEMENT bookstore (book+) >
<!ELEMENT book (title,author+,isbn,pub,edi,price?) >
<!ELEMENT title (#PCDATA) >
<!ELEMENT author (#PCDATA) >
<!ELEMENT isbn (#PCDATA) >
<!ELEMENT publication (#PCDATA) >
<!ELEMENT edition (#PCDATA) >
<!ELEMENT price (#PCDATA) >
```

Externaldtdpublic:

```
<?xml version="1.0" ?>
<!DOCTYPE bookstore PUBLIC "-//Surendra/1.0/EN" "book.dtd" >
<bookstore>
  <book>
    <title> AI</title>
    <author>Surendra</author>
    <ISBN>978-93-5119-90</ISBN>
    <publisher>dreamTech</publisher>
    <edition>2019</edition>
    <price>1849</price>
  </book>
  <book>
    <title> Web Technologies</title>
    <author>mohan</author>
    <ISBN>978-93-5119-907-6</ISBN>
    <publisher>wrox</publisher>
    <edition>1230</edition>
  </book>
</bookstore>
```

Output:

A screenshot of a web browser window showing XML data. The address bar displays a file path: D:\20491A0502\am\externaldtdpublic.xml. The page content is a well-formed XML document. The root element is <bookstore>, which contains two <book> elements. The first <book> element has attributes: title (AI), author (Surendra), ISBN (978-93-5119-90), publisher (dreamTech), edition (2019), and price (1849). The second <book> element has attributes: title (Web Technologies), author (mohan), ISBN (978-93-5119-907-6), publisher (wrox), and edition (1230). The browser's developer tools are open on the right, and the Windows taskbar is visible at the bottom.

```
<?xml version="1.0" encoding="UTF-8"?>
<bookstore>
  <book>
    <title> AI</title>
    <author>Surendra</author>
    <ISBN>978-93-5119-90</ISBN>
    <publisher>dreamTech</publisher>
    <edition>2019</edition>
    <price>1849</price>
  </book>
  <book>
    <title> Web Technologies</title>
    <author>mohan</author>
    <ISBN>978-93-5119-907-6</ISBN>
    <publisher>wrox</publisher>
    <edition>1230</edition>
  </book>
</bookstore>
```

Execution Procedure

- Step1: Type all html programs in notepad or any text editor and save the files.
- Step2: open appropriate xml files in web browser for getting output.

Viva-Question

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 4

AIM:

- i. Write a JavaScript to validate the fields of the login page.
- ii. Write a JavaScript to validate the fields of the Registration page

Description

JavaScript is a lightweight interpreted programming language with rudimentary object-oriented capabilities. Syntactically, the core JavaScript language resembles C, C++ and Java, with programming constructs such as the `if` statement, the `while` loop, and the `&&` operator. The similarity ends with this syntactic resemblance, however. JavaScript is an untyped language, which means that variables do not have to have a type specified.

The `<SCRIPT>` and `</SCRIPT>` tags are used to embed JavaScript code within an HTML file.

Source Code

Login.html:

```
<!DOCTYPE html>
<html>
<head>
<script>
function validate()
{
var uname=document.f1.uname.value;
if(uname==""||uname=="null")
{
alert("please provide valide format");
return false;
}
var pass=document.f1.pwd.value;
if(pass==""||pass=="null")
{
alert("please provide valide password format");
return false;
}
}
</script>
</head>
<body>
<form name="f1" method="set" action="succ.html" onsubmit="return validate()">
<table align="center" border="2">
<caption align="center">Welcome to Login page</caption>
<tr>
<td>User Name</td>
<td><input type="text" name="2" pattern="[a-zA-Z]{4,30}" placeholder="only characters"></td>
</tr>
<tr>
<td>Password</td>
<td><input type="password" name="pwd" pattern="[a-zA-Z!@#$$%^&*1-9]{12,30}"
placeholder="enterpassword" ></td>
</tr>
</tr>
```

```

<td><input type="submit" value="submit"></td>
</tr>
<tr>
<td><input type="reset" value="reset"></td>
</tr>
</table>
</body>
</html>

```

Welcome to Login page

User Name	only characters
Password	enterpassword
submit	
reset	

Welcome to Login page

User Name	sur
Password	enterpassword
submit	
reset	

Welcome to Login page

User Name	surendra
Password
submit	
reset	

Please match the requested format

Welcome to Login page

User Name	surendra
Password
submit	
reset	



your data is validate

Registration.html

```
<html>
<head>
<title>Registration Page</title>
<script type="text/javascript">
    varerrorFound=false; functioncontainAlphabets(checkString)
    {
//To validate Name Field characters
var result=true; varregExp=/^[A-Z a-z]$/;
    if(checkString!=null &&checkString!="")
    {
        for(var i=0;i<checkString.length;i++)
        {
            if(!checkString.charAt(i).match(regExp))
            {
                result=false;
            }
        }
    }
    else
    {
        result=false;
    }

    return result;
}
functionvalidateNameLength(checkString)
{
//To validate Name Field length
if(checkString.length>=6) {
    return true;
}
else
{
    return false;
}
}
```



```

function validatePasswordLength(password)
{
//To validate Password Field length
    if(password.length>=6)
    {
        return true;
    }

function validatePhoneNumber(phone)
{
    var validDigits="0123456789";
    var digits;
    var result;
    if(phone.length==0)
        return false;
    for(var i=0;i<phone.length;i++)
    {
        digits=phone.charAt(i);
        if(validDigits.indexOf(digits)==-1)
        {
            return false;
        }
        result=true;
    }
    return result;
}
else
    {
        return false;
    }
}

function validateEmail(email)
{
    var x=document.regform.email.value;
    var atpos=x.indexOf("@");
    var dotpos=x.lastIndexOf(".");
    if (atpos<1 || dotpos<atpos+2 || dotpos+2>=x.length)
    {
        alert("Not a valid e-mail address");
        return false;
    }

    return true;
}

function validatePhoneNoLength(phone)
{
    if(phone.length==10)
        return true;
    else
        return false;
}

```



```
function validate()
{
    errorFound=false;
    if(!containAlphabets(document.regform.userName.value))
    {
        alert("Please Enter only alphabets for name field");
    }
    if(!validateLength(document.regform.passwordField.value))
    {
        alert("Please Enter minimum 6 characters for password");
    }
    if(!validateEmail(document.regform.email.value))
    {
        alert("Please Enter email");
    }
    if(!validatePhoneNumber(document.regform.phone.value))
    {
        alert("Please Enter valid phone number");
    }
    if(!validatePhoneNoLength(document.regform.phone.value))
    {
        alert("Please Enter 10 digit phone number");
    }
}
```

```
functioncheckName()
{
    if(!containAlphabets(document.regform.userName.value))
    {
        alert("Please Enter only alphabets for name field");
    }
    else
        document.regform.userName.value="";
        document.regform.userName.focus();
}
```

```

        if(!validateNameLength(document.regform.userName.value))
        {
            alert("Please Enter atleast 6 characters for name field");
            document.regform.userName.focus();
        }
    }
functioncheckPassword()
{
    if(!validatePasswordLength(document.regform.passwordField.value))
    {
        alert("Please Enter minimum 6 characters for password");
        document.regform.passwordField.value="";
        document.regform.passwordField.focus();
    }
}
functioncheckEmail()
{
    if(!validateEmail(document.regform.email.value))
    {
        //alert("Please Enter only valid Email ID");
        //document.regform.email.value="";
        document.regform.email.focus();
    }
}
functioncheckPhone()
{
    if(!validatePhoneNumber(document.regform.phone.value))
    {
        alert("Please Enter valid phone number");
        document.regform.phone.value="";
        document.regform.phone.focus();
    }else

    if(!validatePhoneNoLength(document.regform.phone.value))
    {
        alert("Please Enter 10 digit phone number");
        document.regform.phone.focus();
    }
}
</script>
</head>
<body>
<h1>Registration Here</h1>
<form name="regform">
    Name:
    <input type="text" name="userName" />
    <br />
    Password:
    <input type="password" name="passwordField" onFocus="checkName()" />
    <br />
    Email:
    <input type="text" name="email" onFocus="checkPassword()" />
    <br />

```

phone:

```
<input type="text" maxlength="10" name="phone" onFocus="checkEmail()" />
<br />
```

Gender:

```
<input type="radio" name="gender" value="male" onFocus="checkPhone()" />
```

Male

```
<input type="radio" name="gender" value="female" onFocus="checkPhone()" />
```

Female

Date of Birth: Day

```
<select name="dd" style="width:75px" >
```

```
<option value="1">1</option>
```

```
<option value="2">2</option>
```

```
<option value="3">3</option>
```

```
<option value="4">4</option>
```

```
<option value="5">5</option>
```

```
<option value="6">6</option>
```

```
<option value="7">7</option>
```

```
<option value="8">8</option>
```

```
<option value="9">9</option>
```

```
<option value="10">10</option>
```

```
<option value="11">11</option>
```

```
<option value="12">12</option>
```

```
<option value="13">13</option>
```

```
<option value="14">14</option>
```

```
<option value="15">15</option>
```

```
<option value="16">16</option>
```

```
<option value="17">17</option>
```

```
<option value="18">18</option>
```

```
<option value="19">19</option>
```

```
<option value="20">20</option>
```

```
<option value="21">21</option>
```

```
<option value="22">22</option>
```

```
<option value="23">23</option>
```

```
<option value="24">24</option>
```

```
<option value="25">25</option>
```

```
<option value="26">26</option>
```

```
<option value="27">27</option>
```

```
<option value="28">28</option>
```

```
<option value="29">29</option>
```

```
<option value="30">30</option>
```

```
<option value="31">31</option>
```

```
</select>
```

Month

```
<select name="mm" style="width:75px">
```

```
<option value"1">January</option>
```

```
<option value"2">February</option>
```

```
<option value"3">March</option>
```

```
<option value"4">April</option>
```

```
<option value"5">May</option>
```

```
<option value"6">June</option>
```

```
<option value"7">July</option>
```

```
<option value"8">August</option>
```

```
<option value"9">September</option>
```

```
<option value"10">October</option>
```

```
<option value"11">November</option>
```

```
<option value"12">December</option>
```

```
</select>
```

Year

```
<select name="yy" style="width:75px">
<option value="2000">2000</option>
<option value="2001">2001</option>
<option value="2002">2002</option>
<option value="2003">2003</option>
<option value="2004">2004</option>
<option value="2005">2005</option>
<option value="2006">2006</option>
<option value="2007">2007</option>
<option value="2008">2008</option>
<option value="2009">2009</option>
<option value="2010">2010</option>
<option value="2011">2011</option>
<option value="2012">2012</option>
<option value="2013">2013</option>
</select>
<br>
Languages Known:
<input type="checkbox" name="language" value="english" />
English
<input type="checkbox" name="language" value="hindi" />
Hindi
<input type="checkbox" name="language" value="telugu" />
Telugu
<input type="checkbox" name="language" value="tamil" />
Tamil<br>
Address:
<textarea rows="5" cols="20"></textarea>
<br>
<br>
<input type="submit" value="Submit" onFocus=validate() />
&nbsp;
<input type="reset" value="Reset" />
</form>
</body>
</html>
```

Output

Registration Page - Mozilla Firefox

file:///D:/JVCSEWT/week3/registration.html

Name:

Password:

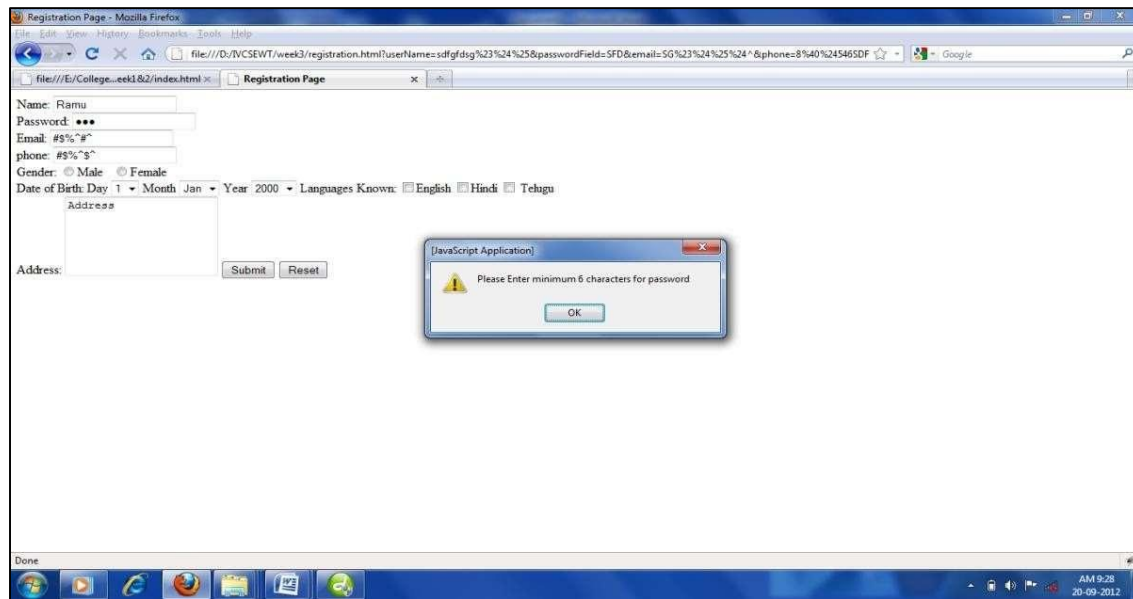
Email:

phone:

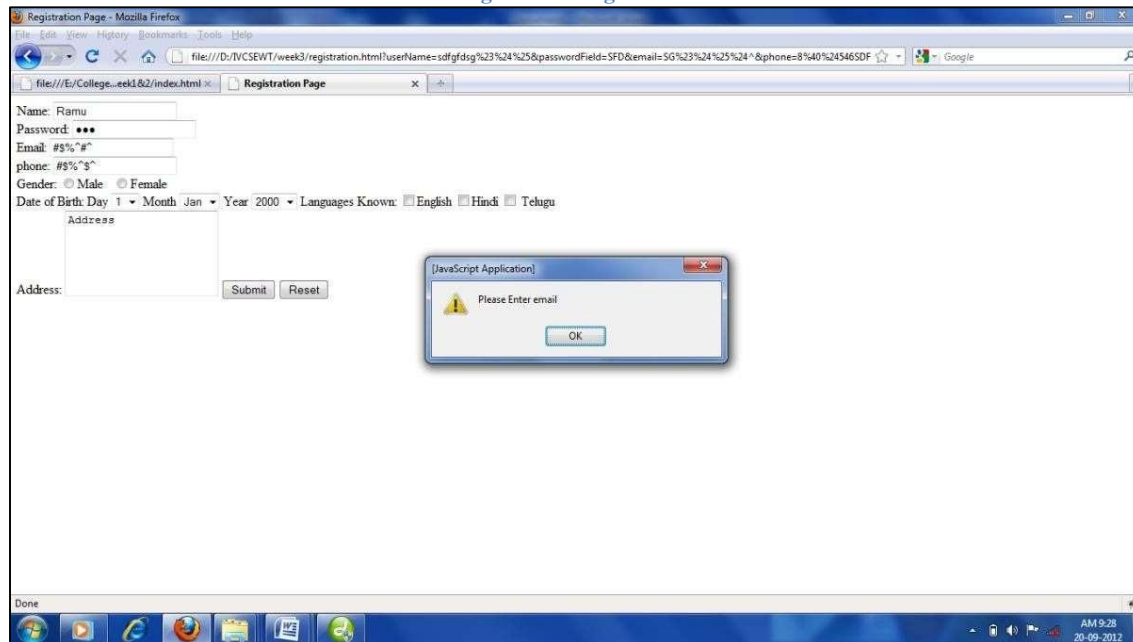
Gender: ☐ Male ☐ Female

Date of Birth: Day Month Year Languages Known: ☐ English ☐ Hindi ☐ Telugu

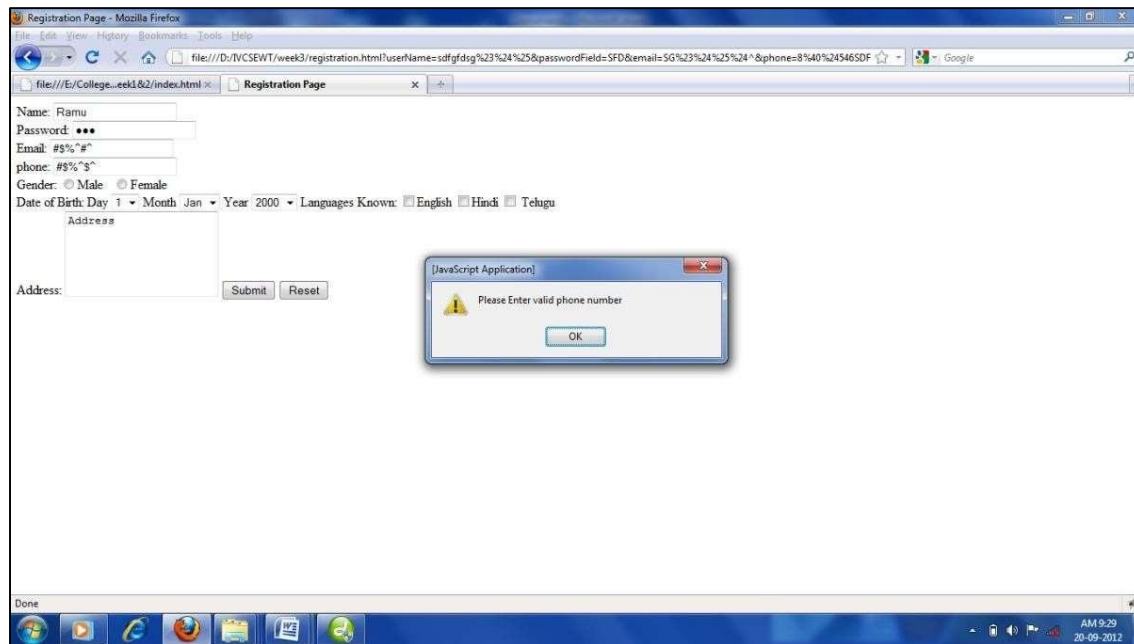
Address:



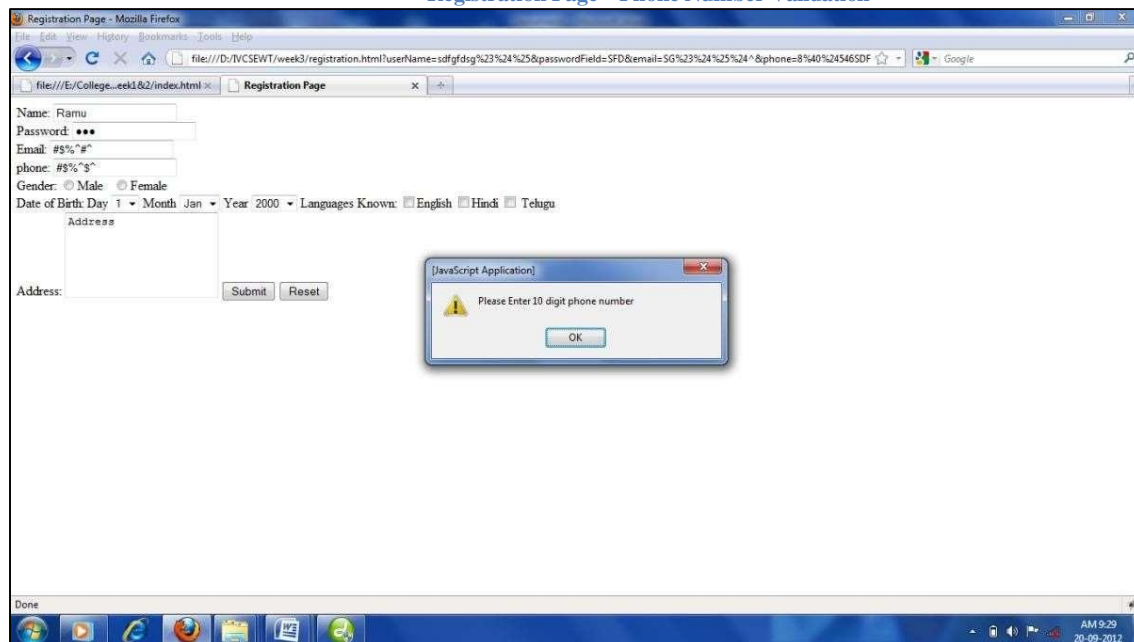
Registration Page – Password Validation



Registration Page – Email Validation



Registration Page – Phone Number Validation



Registration Page – Phone Number Validation

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 5

Aim:

Design a web page using jQuery to demonstrate

- i. Hide, show, fading and sliding effects.
- ii. Keyboard, mouse and form events

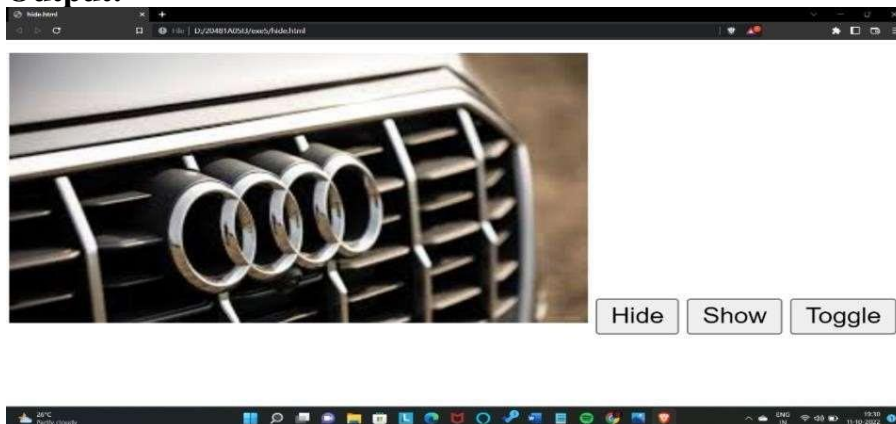
Description

Hiding of elements

```
<html>
<head>

    <script src="http://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
    </script>
    <script>
    $(document).ready(function(){
        $("#b1").click(function(){
            $("img").hide(1000);
        });
        $("#b2").click(function(){
            $("img").show("slow");
        });
        $("#b3").click(function(){
            $("img").toggle("fast");
        });
    });
    </script>
</head>
<body>
    <imgsrc="1.jpg">
    <button id="b1"> Hide </button>
    <button id="b2"> Show </button>
    <button id="b3"> Toggle </button>
</body>
</html>
```

Output:



Fading effects:

```
<html>
<head>
```

```

<script src="http://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
    $("#b1").click(function(){
        $("img").fadeOut(1000);
    });
    $("#b2").click(function(){
        $("img").fadeIn("slow");
    });
    $("#b3").click(function(){
        $("img").fadeToggle("fast");
    });
    $("#b4").click(function(){
        $("img").fadeTo("slow",0.3);
    });
});
</script>
</head>
<body>
<imgsrc="1.jpg"><br><br>
<button id="b1"> Fade Out </button>
<button id="b2"> Fade In </button>
<button id="b3"> Fade Toggle </button>
<button id="b4"> Fade To </button>
</body>
</html>

```

Output:



Sliding effects:

```
<html>
<head>
<script src="http://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
<script>
$(document).ready(function(){
    $("#b1").click(function(){
        $("h1").slideUp(1000);
    });
    $("#b2").click(function(){
        $("h1").slideDown("slow");
    });
    $("#b3").click(function(){
        $("h1").slideToggle("fast");
    });
});
</script>
</head>
<body>
<h1 style="background-color:orange">Click on the button to see sliding effect</h1>
<button id="b1"> Slide up </button>
<button id="b2"> Slide down </button>
<button id="b3"> Slide Toggle </button>
</body>
</html>
```

Output:

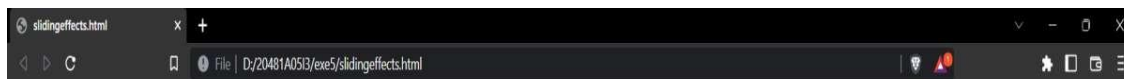


Click on the button to see sliding effect

Slide up

Slide down

Slide Toggle



Slide up

Slide down

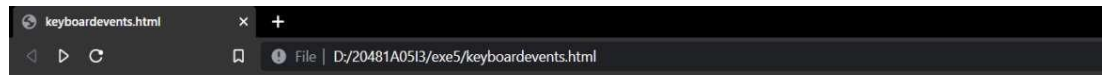
Slide Toggle

ii. Keyboard, mouse and form events

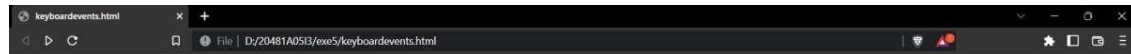
Keyboard-Events

```
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
<script>
$(document).ready(function()
{
    $("input").keydown(function()
    {
        $(this).css("background-color","yellow");
    });
    $("input").keyup(function()
    {
        $(this).css("background-color","pink");
    });
});
</script>
</head>
<body>
<form method="post">
Enter name:<input type="text" name="t1"><br>
</form>
</body>
</html>
```

Output:



Enter name:

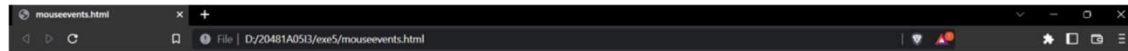


Enter name: surendra

Mouse-Events

```
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
<script>
    $(document).ready(function()
    {
        $("#i1").mouseenter(function()
        {
            $("#i1").css("background-color","yellow");
        });
        $("#i1").mouseout(function()
        {
            $("#i1").css("background-color","pink");
        });
        $("#i2").mousedown(function()
        {
            $("#i2").css("background-color","blue");
        });
        $("#i2").mouseup(function()
        {
            $("#i2").css("background-color","green");
        });
        $("#i3").mouseover(function()
        {
            alert("cursor is over this heading");
        });
    });
</script>
</head>
<body>
<h1 id="i1">Mouse Cursor over this heading 1 to trigger mouse events</h1>
<h1 id="i2">Mouse Cursor over this heading 2 to trigger mouse events</h1>
<h1 id="i3">Mouse Cursor over this heading 3 to trigger mouse events</h1>
</body>
</html>
```

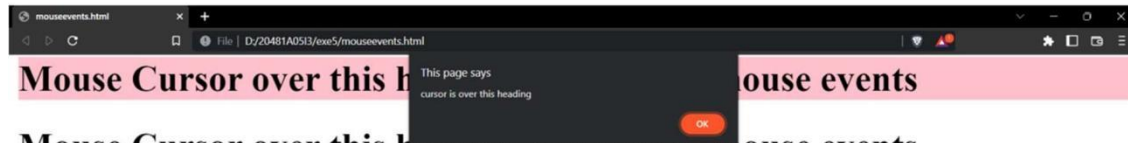
Output:



Mouse Cursor over this heading 1 to trigger mouse events

Mouse Cursor over this heading 2 to trigger mouse events

Mouse Cursor over this heading 3 to trigger mouse events



Mouse Cursor over this heading 2 to trigger mouse events

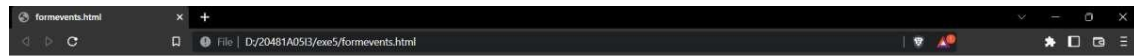
Mouse Cursor over this heading 3 to trigger mouse events

Form-Events

```
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">
</script>
<script>
    $(document).ready(function()
    {
        $("form").submit(function()
        {
            alert("Form is submitted");
        });
        $("input").focus(function()
        {
            $(this).css("background-color","yellow");
        });
        $("input").blur(function()
        {
            $(this).css("background-color","pink");
        });
        $("input").change(function()
        {
            alert("Text is changed");
        });
        $("input").select(function()
        {
            alert("Text is selected");
        });
    });
</script>
</head>
<body>
```

```
<form method="post">
Enter name:<input type="text" name="t1"><br>
Enter password:<input type="password" name="t2"><br>
<button type="submit">Submit</button>
</form>
</body>
</html>
```

Output:



Enter name:

Enter password:



Enter name:

Enter password:



Enter name:

Enter password:

This page says
Form is submitted

Execution Procedure

Step1: type the html program in notepad or any text editor and save .html format.

Step2: open web browser and open .html.

Viva-Questions

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 6

AIM:

- i. Write a PHP program to validate the fields of the login page.
- ii. Write a PHP program to validate the fields of the Registration page

DESCRIPTION:

This PHP login application uses MySQL database to store user information and all the input parameters are validated with javascript. This PHP login page using MySQL database connections contains PHP 7.0 methods only. Many methods like `mysql_real_escape_string()`, `mysql_query()`, `mysql_num_rows()`, `mysql_connect()`, `mysql_select_db()`, `mysql_close()` were deprecated in PHP 5 and removed from the latest version of PHP i.e. PHP 7.0.

ALGORITHM:

LoginForm.php

- Step 1:-Open the html tag and the title as LoginForm.php.
Step 2:-Declare the validate() function.
Step 3:-Design login form with username, password, submit and reset values.
Step 4:-if anyone not enter user name or password it shows alert message.
Step 5:-close the html tag.

Login.php

- Step 1:-Open the html and body tag.
Step 2:-Open the MYSQL database connection.
Step 3:-if the `$_SERVER['REQUEST_METHOD'] == 'POST'` then
Step 4:-enter user name and password
Step 5:-check the user name and password is valid or not
Step 6:-if valid then display the login page
Step 7:-otherwise it shows incorrect username and password.
Step 8:-close body and html tags.

PROGRAM:

Login.html :

```
<html>
<body bgcolor=azure>
<form name="LoginForm" action="Validate.php" method="post">
<fieldset>
<legend align=center><h2>Login Here</h2></legend>
<table cellpadding=5 align=center>
<tr>
<td>User Name</td>
<td>:</td>
<td><input type="text" name="t1" class="textbox" placeholder="Only Characters" /></td>
</tr>
<tr>
<td>Password </td>
<td>:</td>
<td><input type="Password" name="t2" class="textbox" placeholder="Max 15 characters"/></td>
</tr>
```

```
<tr>
<td ><input type="submit" class="button button1" value="LOGIN" /></td>
<td></td>
<td ><input type="reset" class="button button1" value="RESET" /></td>
</tr>
</table>
</form>
</body>
</html>
```

Output :



The screenshot shows a web browser window with the address bar displaying 'localhost/login.html'. The page has a light blue background and a white border. At the top, there is a horizontal line followed by the text 'Login Here' in a bold, black, serif font. Below this, there are two input fields. The first is labeled 'User Name :' and contains the text 'Only Characters'. The second is labeled 'Password :' and contains the text 'Max 15 characters'. At the bottom of the form, there are two buttons: 'LOGIN' and 'RESET', both in a light blue box with a black border.



Please Enter UserName Format



All Details are valid

Registration.html :

```
<html>
<body bgcolor=azure>
<form name="RegistrationPage" action="Validate2.php" method="post">
<fieldset>
<legend align=center><h2>REGISTER HERE</h2></legend>
<table cellpadding=5 align=center>
<tr>
<td>First Name</td>
<td>:</td>
<td><input type="text" name="t1" class="textbox" placeholder="Only Characters" /></td>
</tr>
<tr>
<td>LastName</td>
<td>:</td>
<td><input type="text" name="t2" class="textbox" placeholder="only characters"/></td>
</tr>
<tr>
<td>Password</td>
<td>:</td>
<td><input type="Password" name="t3" class="textbox" placeholder="Max 15 characters"/></td>
</tr>
<tr>
<td>Contact Number</td>
<td>:</td>
<td><input type="text" name="t4" class="textbox" placeholder="Without country code" max=10/></td>
</tr>
```

```

<tr>
<td>Email Address</td>
<td>:</td>
<td><input type="text" name="t5" class="textbox" placeholder="Mail ID" max=35/></td>
</tr>
<tr>
<td>Address</td>
<td>:</td>
<td>
<textarea name="t6" class="textbox" rows=5 cols=50 >
</textarea>
</td>
</tr>
<tr>
<td>Gender</td>
<td>:</td>
<td><input type="radio" name="gender" value="male" checked> Male<br>
<input type="radio" name="gender" value="female"> Female<br>
<input type="radio" name="gender" value="other"> Other
</td>
</tr>
<tr>
<td><input type="submit" class="button button1" value="REGISTER" /></td>
<td></td>
<td><input type="reset" class="button button1" value="RESET" /></td>
</tr>
</table>
</form>
</body>
</html>

```

Output :

REGISTER HERE

First Name : surendra

LastName : penneru

Password : ****

Contact Number : 9392986693

Email Address : pnsurendrababu@gmail.coi

Address : vadlamannadu

Gender : ☒ Male
☐ Female
☐ Other

localhost/Validate2.php

All details are valid

REGISTER HERE

First Name :

LastName :

Password :

Contact Number :

Email Address :

Address :

Gender : ☒ Male
☐ Female
☐ Other

Please Enter Mobile in Given Format

Validate.php

```
<?php
$user=$ POST['t1'];
$pwd=$ POST['t2'];
$username_pat='/^[a-zA-Z0-9 ]{5,13}$/';
$pwd_pat='/^[a-zA-Z0-9@$& ]{5,13}$/';
$flag=true;
if(empty($user)) {
$flag=false;
echo "PLEASE Enter the user name ";
}
else if(empty($pwd)) {
$flag=false;
echo "PLEASE Enter the password ";
}
else if(preg_match($username_pat,$user)==false) {
$flag=false;
echo "Please Enter UserName Format";
}
else if(preg_match($pwd_pat,$pwd)==false) {
$flag=false;
echo "Please Enter Password Format";
}
else if($flag==true) {
echo "All Details are valid";
}
?>
```

Validate2.php

```
<?php
$fn=$_POST['t1'];
$ln=$_POST['t2'];
$pwd=$_POST['t3'];
$mob=$_POST['t4'];
$mail=$_POST['t5'];
$fn_pat='/^[a-zA-Z][a-zA-Z0-9 ]{5,30}$/';
$ln_pat='/^[a-zA-Z][a-zA-Z0-9 ]{5,30}$/';
$pwd_pat='/^[a-zA-Z0-9@$& ]{5,20}$/';
$mob_pat='/^\d{10}$/';
```

```
$mail_pat='/^[A-Za-z0-9]+@[A-Za-z]+\.[A-Za-z]{2,4}$'/;
$flag=true;
if(empty($fn)) {
$flag=false;
echo "Enter the First name PLEASE";
}
else if(empty($ln)) {
$flag=false;
echo "Enter the LastPLEASE";
}
else if(empty($pwd)) {
$flag=false;
echo "Enter the password PLEASE";
}
else if(empty($mob)) {
$flag=false;
echo "Enter the Mobile NumberPLEASE";
}
else if(empty($mail)) {
$flag=false;
echo "Enter the E-Mail PLEASE";
}
else if(preg_match($fn_pat,$fn)==false) {
$flag=false;
echo "Please Enter First Name in Given Format";
}
else if(preg_match($ln_pat,$ln)==false) {
$flag=false;
echo "Please Enter Last Name in Given Format";
}
else if(preg_match($pwd_pat,$pwd)==false) {
$flag=false;
echo "Please Enter Password in Given Format";
}
else if(preg_match($mob_pat,$mob)==false) {
$flag=false;
echo "Please Enter Mobile in Given Format";
}
else if(preg_match($mail_pat,$mail)==false) {
$flag=false;
echo "Please Enter Mail in Given Format";
}
else if($flag==true) {
echo "All details are valid";
}
?>
```

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 7

AIM

Install a database and design a Web application using JSP:

- i. To connect to the database using JDBC.
- ii. Create new tables.
- iii. Insert the details of the users who register through the registration page of the online book store web site in to the database.
- iv. Retrieve and display data related to books stored in the tables to the user.

DESCRIPTION

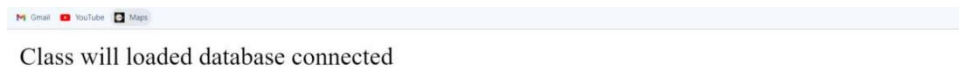
Source Code:

❖ To connect to the database using JDBC.

Database.jsp:

```
<% @page import="java.sql.*"%>
<%
try{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    out.println("Class will loaded");
    Connection
    con=DriverManager.getConnection("jdbc:Oracle:thin:@localhost:1521:xe","SYSTEM","mana
ger");
    out.println("database connected");
}
catch(Exception e)
{
    out.println(e);
}
%>
```

Output:



Class will loaded database connected

Create new tables.

Bookstore.jsp:

[% @page import="java.sql.*"%](#)

```
<%try{
```

```
Class.forName("oracle.jdbc.driver.OracleDriver");out.println("Class will loaded");
Connection
con=DriverManager.getConnection("jdbc:Oracle:thin:@localhost:1521:xe","SYSTEM","mana
ger");
out.println("database connected");
Statement st=con.createStatement();
ResultSet rs=st.executeQuery("create table bookstore(title varchar(30),author
varchar(20),publication varchar(20),price varchar(5))");
out.println("Create table successfully");
}
catch(Exception e)
{
    out.println(e);
}
%>
```

Output:

Class will loaded database connected Create table successfully

- ❖ **Insert the details of the users who registered through the registration page of the online book store web site into the database.**

Bookstoremain.jsp

```
<html>
<body bgcolor="cyan">
<h2 align="center">Book-Details</h2>
<center>
<form name="f1" action="insert.jsp">
<table border="1">

<tr>
<td><label>Book-Title</label></td>
<td><input type="text" name="bt"></td>
</tr>

<tr>
<td><label>Author-Name</label></td>
<td><input type="text" name="an"></td>
</tr>

<tr>
<td><label>Publisher-Details</label></td>
<td><input type="text" name="pd"></td>
</tr>

<tr>
<td><label>Price</label></td>
<td><input type="text" name="price"></td>
</tr>

<tr>
<td><input type="submit" value="Store"></td>
<td><input type="reset" value="Clear"></td>
</tr>
</table>
</form>
</center>
</body>
</html>
```

Insert.jsp:

```
<% @ page language="java" contentType="text/html"%>
<% @page import="java.sql.*,java.util.*"%>
<%
String title=request.getParameter("bt");
String author=request.getParameter("an");
String publisher=request.getParameter("pd");
String price=request.getParameter("price");
```

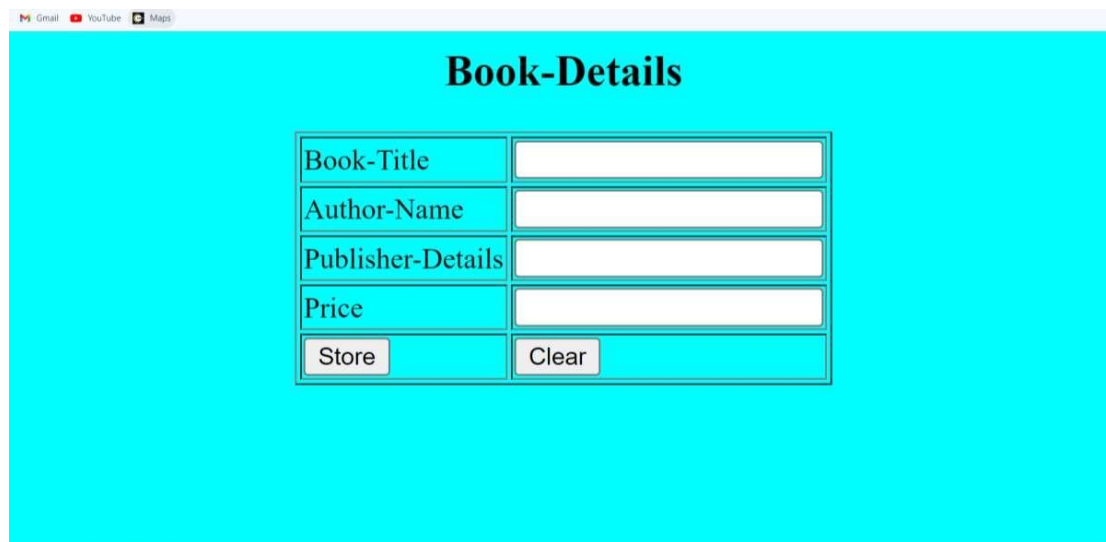
```

try
{
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection conn =
    DriverManager.getConnection
    ("jdbc:oracle:thin:@localhost:1521:xe", "system","manager");
Statement stmt = conn.createStatement();

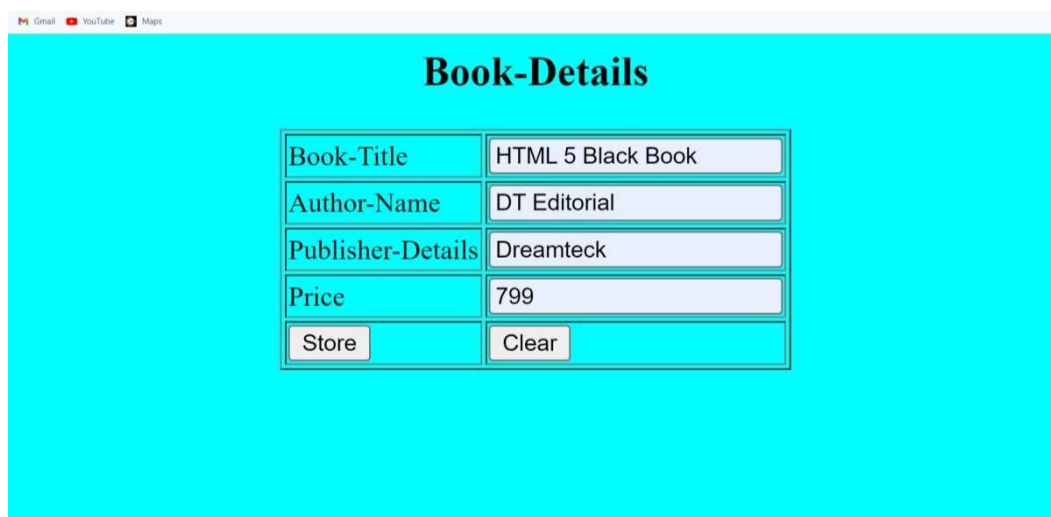
int i=stmt.executeUpdate("insert into bookstore
values('"+title+"','"+author+"','"+publisher+"','"+price+"')");
out.println("Data is successfully inserted!");
}
catch(Exception e)
{
System.out.print(e);
e.printStackTrace();
}
%>

```

Output:



A screenshot of a web browser window displaying a form titled "Book-Details". The form contains four text input fields labeled "Book-Title", "Author-Name", "Publisher-Details", and "Price". Below these fields are two buttons: "Store" and "Clear". The browser's address bar shows "Gmail", "YouTube", and "Maps" icons.



A screenshot of a web browser window displaying the same "Book-Details" form, but now with data entered into the input fields. The "Book-Title" field contains "HTML 5 Black Book", "Author-Name" contains "DT Editorial", "Publisher-Details" contains "Dreamteck", and "Price" contains "799". The "Store" and "Clear" buttons remain at the bottom of the form. The browser's address bar shows "Gmail", "YouTube", and "Maps" icons.

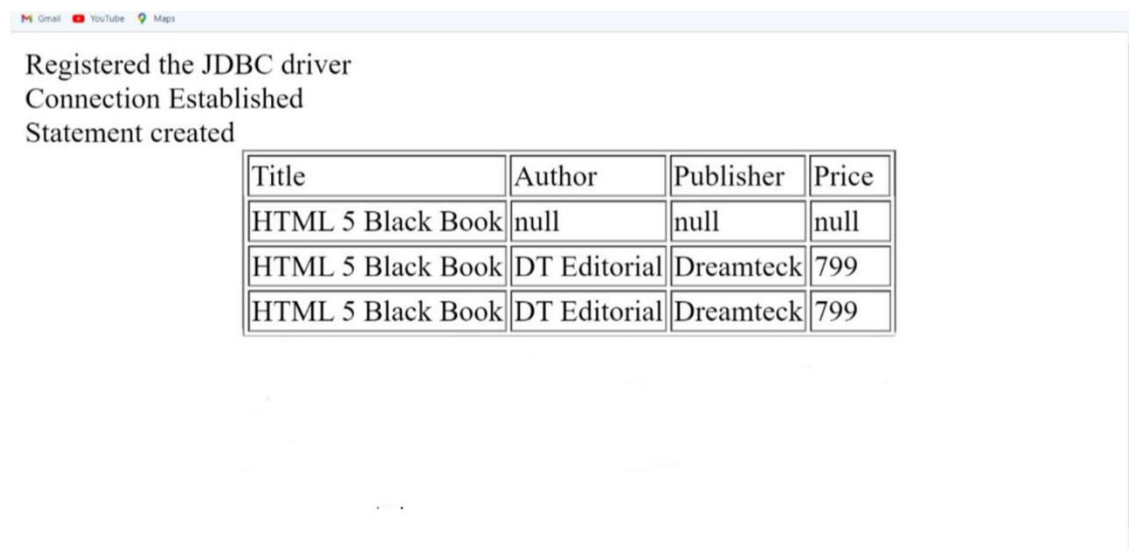
Data is successfully inserted!

- ❖ Retrieve and display data related to books stored in the tables to the user.

Display.jsp:

```
<% @page import="java.sql.*" %>
<%
try
{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    out.println("Registered the JDBC driver");
    Connection conn =
    DriverManager.getConnection
    ("jdbc:oracle:thin:@localhost:1521:xe", "system","manager");
    out.println("<br>Connection Established");
    Statement stmt = conn.createStatement();
    out.println("<br>Statement created");
    ResultSet rset = stmt.executeQuery ("SELECT * FROM bookstore");
    out.println("<table border=1 align=center
font=red><tr><td>Title</td><td>Author</td><td>Publisher</td><td>Price</td></tr>");
    while(rset.next())
    out.println("<tr><td>" + rset.getString(1) + "</td><td>" + rset.getString(2) + "</td><td>" + rset.
getString(3) + "</td><td>" + rset.getString(4) + "</td></tr>");
    out.println("</table>");
}
catch (Exception e)
{
    out.println(e);
    e.printStackTrace();
}
%>
```

Output:



Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 8

AIM: Create a user authentication application using JSP where the user submits login name and password to the server through form. The name and password are verified against the data already available in the database and if there is a match, a welcome page is returned. Otherwise a failure message is displayed to the user.

Step1: Create a user1 table in Oracle database

The screenshot shows the Oracle Database Express Edition interface. The SQL Commands window contains the following commands:

```
desc user1;
insert into user1(username,password) values('CSE_C','123456');
insert into user1(username,password) values('GEC','09876');
select * from user1;
```

The Results tab shows the output of the select statement:

USERNAME	PASSWORD
CSE_C	123456
GEC	09876

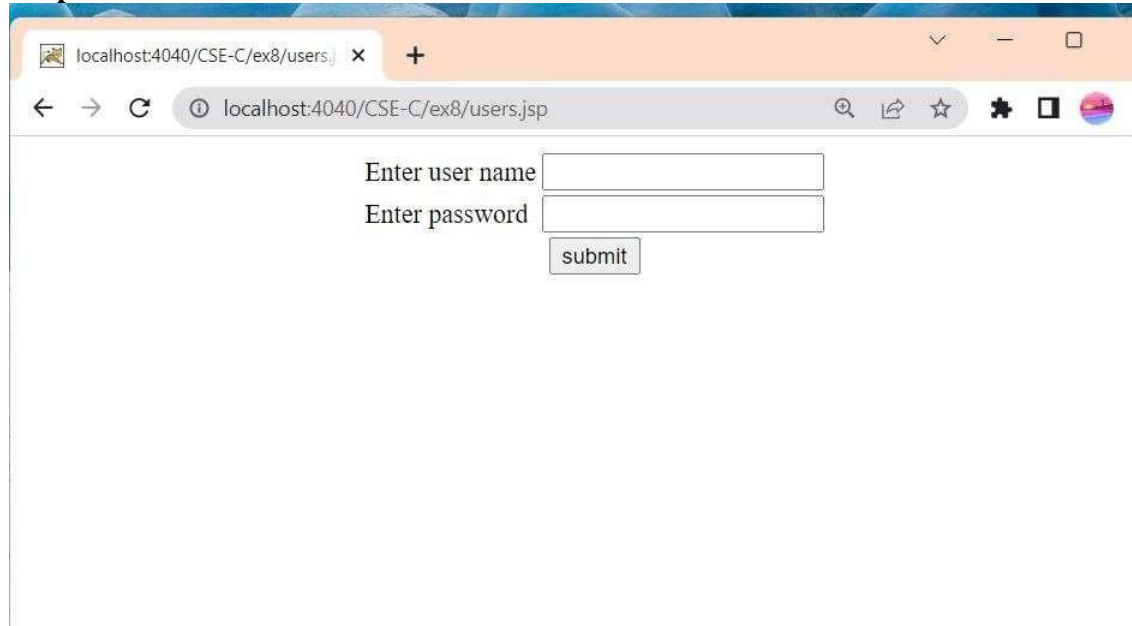
2 rows returned in 0.00 seconds [CSV Export](#)

Step2: creation of login form using html

Program:

```
<html>
<table align="center">
<form action="loginverification.jsp" method="get">
<tr>
<td><label>Enter user name</td>
<td><input type="text" name="t">
</tr>
<tr>
<td><label>Enter password</td>
<td><input type="password" name="p">
</tr>
<tr>
<td colspan="2" align="center"><input type="submit" value="submit"></td>
</tr>
</form>
</table>
</html>
```

Output:



localhost:4040/CSE-C/ex8/users.jsp

Enter user name

Enter password

Step3:Login verification

Program:

```
<% @page import="java.sql.*"%>
```

```
<%
```

```
try
```

```
{
```

```
String uname=request.getParameter("t");
```

```
String pwd=request.getParameter("p");
```

```
Connection con=null;
```

```
Statement stmt=null;
```

```
ResultSet rs=null;
```

```
Class.forName("oracle.jdbc.driver.OracleDriver");
```

```
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","manager");
```

```
stmt=con.createStatement();
```

```
rs=stmt.executeQuery("select * from user1");
```

```
//out.println(uname);
```

```
//out.println(pwd);
```

```
while(rs.next())
```

```
{
```

```
String uname1=rs.getString("uname");
```

```
String pwd1=rs.getString("password");
```

```
if((uname1).equals(uname))
```

```
{
```

```
if(pwd1.equals(pwd)){
```

```
session.setAttribute("uname",uname);
```

```
response.sendRedirect("welcome.jsp");
```

```
}
```

```
}
```

```
}
```

```
response.sendRedirect("failure.jsp");
```

```
}
```

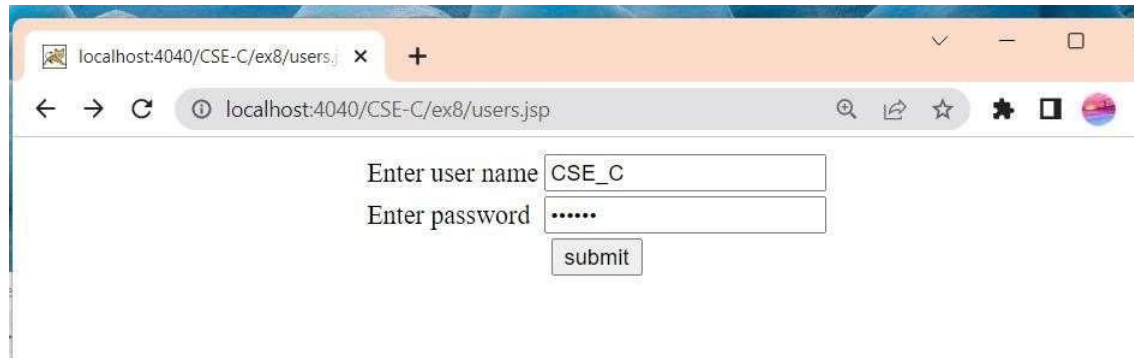
```
catch(Exception e)
```

```
{
```

```
out.println("exception"+e);
```

```
}
```

Output:



localhost:4040/CSE-C/ex8/users.jsp

Enter user name

Enter password

Step4: If the credentials are matched then welcome page is displayed

Program:

```
<html>
<title>welcome message
</title>
<body bgcolor="white">
<%
String uname=(String)session.getAttribute("uname");
%>
<center>
<hr><b>
<h2>congrats...
<font color="red"></font>
you are in home page of this site
</h2></b>
</center>
<hr>
</body>

</html>
```

Output:



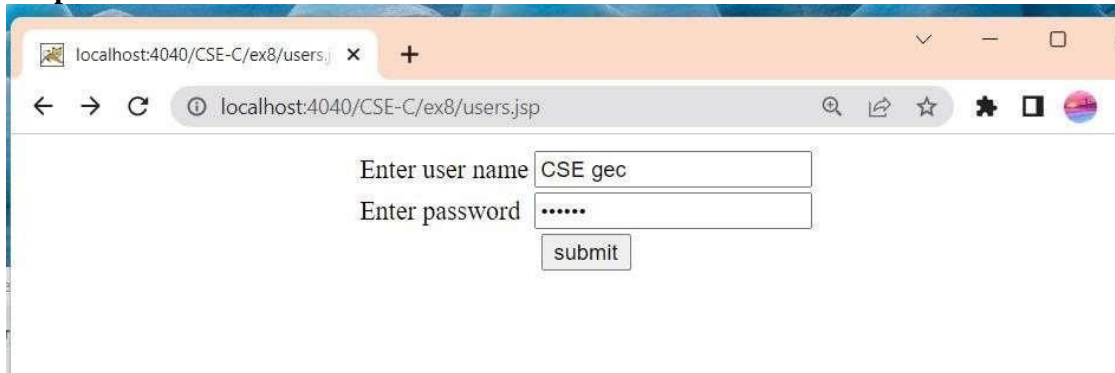
Step5: If credentials are not matched then failure page is displayed

Program:

```
<html>
<head>
<title>Failure message</title>
</head>
<body bgcolor="white">
<center><h2><b><hr>
Invalid username or password please verify that
</b></h2>
```

```
<hr><a href="user1.jsp"><b>Try Again</b></a>
</center>
</body>
</html>
```

Output:



localhost:4040/CSE-C/ex8/users.jsp

localhost:4040/CSE-C/ex8/users.jsp

Enter user name

Enter password

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 9

AIM:

Design a Web application using PHP:

- i. To connect to the MySQL database.
- ii. Create new tables.
- iii. Insert the details of the users who register through the registration page of the online book store web site in to the database.
- iv. Retrieve and display data related to books stored in the tables to the user.

ConnectingtoLocalhost:

Conn.php:

```
<?php
$servername="localhost";
$username="root";
$password="";
$conn=mysqli_connect($servername,$username,$password);
if(!$conn)
{
die("connectionfailed:".mysqli_connect_error());
}
echo("ConnectedSuccessfully");
?>
```

Output:



Database.php:

```
<?php
$servername="localhost";
$username="root";
$password="";
$conn=mysqli_connect($servername,$username,$password);if(
!$conn)
{
die("connectionfailed:".mysqli_connect_error());
}
$sql="CREATEDATABASE20481a05i3";
if(mysqli_query($conn,$sql))
{
echo"DatabascreatedSuccessfully";
}
else
{
echo"ErrorcreatingDatabase";
```

```
mysqli_error($conn);
}
mysqli_close($conn);
?>
```

Output:



```
table.php:
<?php
$servername="localhost";
$username="root";
$password="";
$dbname="20481a05i3";
$conn=mysqli_connect($servername,$username,$password,$dbname);if(!$conn)
{
die("connectionfailed:".mysqli_connect_error());
}
$sql="CREATE TABLE student(sno varchar(20), sname varchar(20),addr
varchar(20))";if(mysqli_query($conn,$sql))
{
echo"TablecreatedSuccessfully";
}
else
{
echo"Error creating
Table";mysqli_error($conn);
}
mysqli_close($conn);
?>
```

Output:



Bookstore.php:

```
<html>
<bodybgcolor="cyan">
<h2align="center">Book-Details</h2>
<center>
<formname="f1"action="bookstoreinsert.php"method="post">
<tableborder="1">
```

```

<tr>
<td><label>Book-Title</label></td>
<td><input type="text" name="bt"></td>
</tr>

<tr>
<td><label>Author-Name</label></td>
<td><input type="text" name="an"></td>
</tr>

<tr>
<td><label>Publisher-Details</label></td>
<td><input type="text" name="pd"></td>
</tr>

<tr>
<td><label>Price</label></td>
<td><input type="text" name="price"></td>
</tr>

<tr>
<td><input type="submit" value="Store"></td>
<td><input type="reset" value="Clear"></td>
</tr>
</table>
</form>
</center>
</body>
</html>

```

Output:

Book-Title	<input type="text"/>
Author-Name	<input type="text"/>
Publisher-Details	<input type="text"/>
Price	<input type="text"/>
Store	Clear <input type="text"/>

bookstoreinsert.php:

```

<?php
/* Attempt MySQL server connection. Assuming you are running
MySQLserver withdefaultsetting(user'root'withnopassword)*/
$link=mysqli_connect("localhost","root","","bookstore");

//          Check
connectionif($link==
= false){
    die("ERROR:Couldnotconnect.".mysqli_connect_error());
}

```

```

}

//Escapeuserinputsforsecurity
$title=$_POST['bt'];
$author=$_POST['an'];
$pub=$_POST['pd'];
$price=$_POST['price'];

//Attemptinsertqueryexecution
$sql = "INSERT INTO book VALUES ('$title', '$author',
'$pub','$price')";if(mysqli_query($link,$sql)){
    echo"Recordsaddedsuccessfully.";
}else{
    echo"ERROR:Couldnotabletoexecute$sql.".mysqli_error($link);
}

//          Close
connectionmysqli_cl
ose($link);
?>

```

Output:



Book-Title	<input type="text" value="sp-book"/>
Author-Name	<input type="text" value="Surendra"/>
Publisher-Details	<input type="text" value="pvpk publications"/>
Price	<input type="text" value="3456"/>
Store	<input type="button" value="Clear"/>



Bookstoredisplay.php:

```

<?php
$servername="localhost";
$username="root";
$password="";
$dbname="bookstore";
$conn=mysqli_connect($servername,$username,$password,$dbname);
if(!$conn)
{
    die("connectionfailed:".mysqli_connect_error());
}
echo"<h1align=center><fontcolor=red>Book-Store-Details</font></h1>";

```

```

$res=mysqli_query($conn,"select* frombook");
echo"<tablecellpadding=7border=2align=center><tr>
<th>Title</th>
<th>Author</th><th>Publication</th>
<th>Price</th>
</tr>";while($temp=mysqli_fet
ch_array($res))
{
    echo
    "<tr><td>".$temp['title'].</td><td>".$temp['author'].</td><td>".$temp['public
ation'].</td><td>".$temp['price'].</td></tr>";
}
echo"</center>";
;

mysqli_close($conn);
?>

```

Output:



Book-Store-Details

Title	Author	Publication	Price
sp-book	Surendra	pvpk publications	3456
Web Applications	Praveen	pvpk publications	456
Cyber Security	Mohan	pvpk publications	567

Name: P.L.V.Sai Ram (22481A4288)

EXP NO: 10

AIM:

Create a user authentication application using PHP where the user submits login name and password to the server through form. The name and password are verified against the data already available in the database.

- i. On successful authentication, display welcome message to the user and create a new session. Otherwise display a failure message to the user

User1.php :

```
<html>
<body bgcolor="aqua">
<h1 align="center"><font color="red">Login-Form</font></h1>
<table align="center" border="1">
<form action="loginverification2.php" method="post">
<tr>
<td><label>User Name</td>
<td><input type="text" name="t">
</tr>
<tr>
<td><label>Password</td>
<td><input type="password" name="p">
</tr>
<tr>
<td><input type="submit" value="Login"></td>
<td><input type="reset" value="Clear"></td>
</tr>
</form>
</table>
</body>
</html>
```

Output :

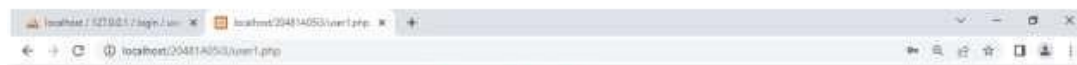


User Name	<input type="text"/>
Password	<input type="password"/>
Login	Clear

Welcome.php :

```
<html>
<title>welcome message
</title>
<body bgcolor="white">
<center>
<hr><b>
<h2>congrats...
<font color="red"></font>
you are in home page of this site
</h2></b>
</center>
<hr>
</body>
</html>
```

Output :



User Name	<input type="text" value="Surendra"/>
Password	<input type="password" value="*****"/>
<input type="button" value="Login"/>	<input type="button" value="Clear"/>



Failure.php :

```
<html>
<head>
<title>Failure message</title>
</head>
<body bgcolor="white">
```

Output :



Verification.php

Name: P.L.V.Sai Ram (22481A4288)

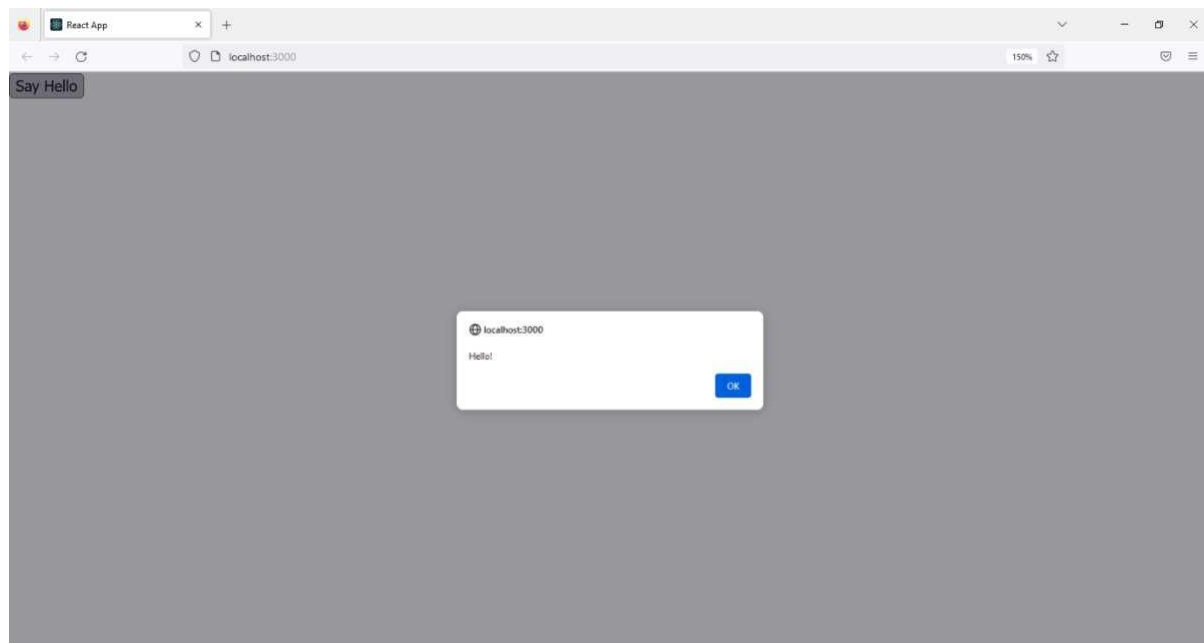
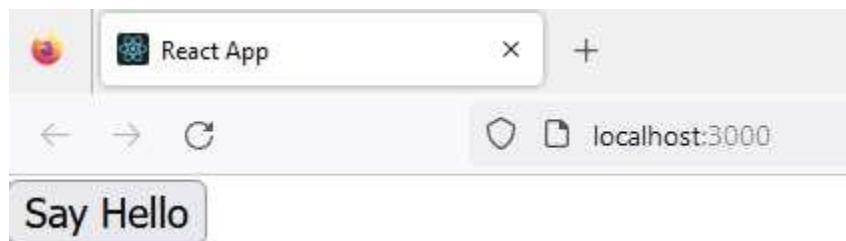
EXP NO: 11

AIM:

```
import React from "react";

const App = () => {
  return (
    <button onClick={() => alert("Hello!")}>Say Hello</button>
  );
};

export default App;
```

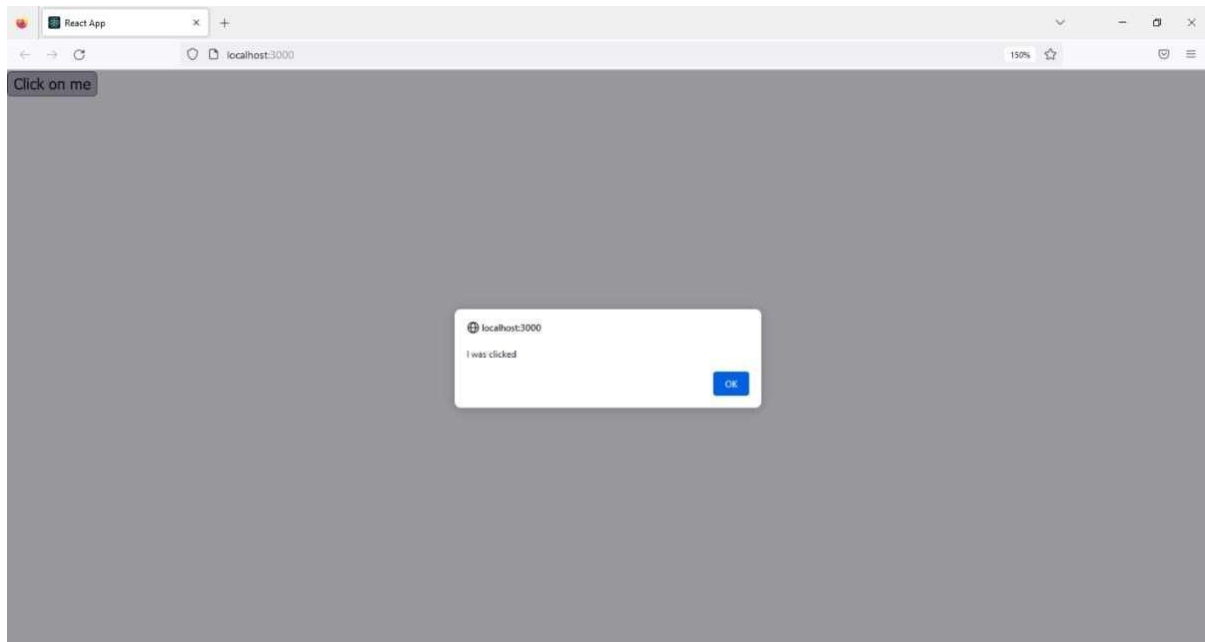


Custom components and events in React

```
import React from "react";
```

```
const CustomButton = ({ onPress }) => {
  return (
    <button type="button" onClick={onPress}>
      Click on me
    </button>
  );
};

const App = () => {
  const handleEvent = () => {
    alert("I was clicked");
  };
  return <CustomButton onPress={handleEvent} />;
};
export default App;
```

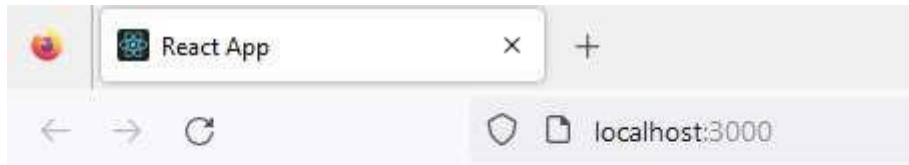


Update the state inside an **onClick** event handler

```
import React, { useState } from "react";

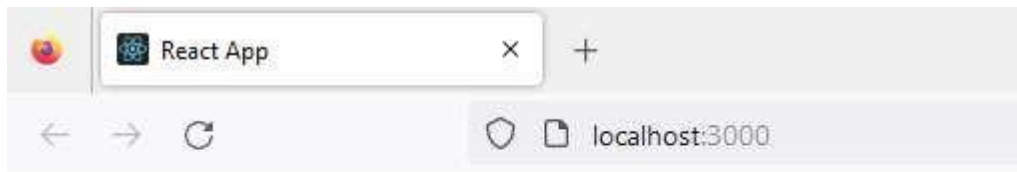
const App = () => {
  const [count, setCount] = useState(0);
```

```
return (  
  <div>  
    <p>{count}</p>  
    <button onClick={() => setCount(count + 1)}>Increment</button>  
    <button onClick={() => setCount(count - 1)}>Decrement</button>  
  </div>  
)  
};  
export default App;
```



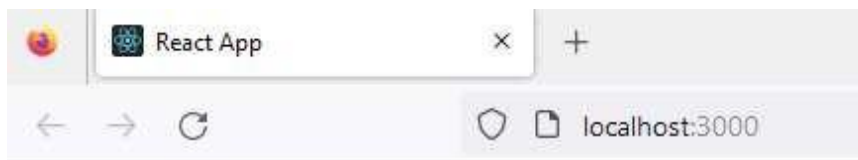
0

Increment Decrement



4

Increment Decrement



2

Increment Decrement

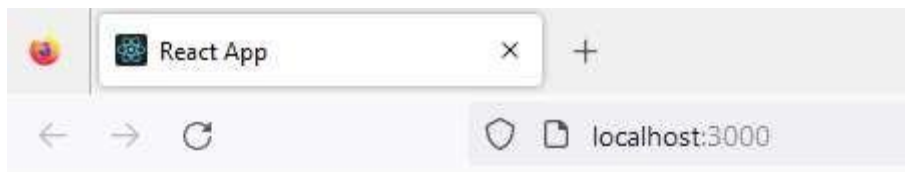
Call multiple functions in an **onClick** event handler

```
import React, { useState } from "react";

const App = () => {
  const [count, setCount] = useState(0);
  const sayHello = () => {
    alert("Hello!");
  };

  return (
    <div>
      <p>{count}</p>
      <button
        onClick={() => {
          sayHello();
          setCount(count + 1);
        }}
      >
        Say Hello and Increment
      </button>
    </div>
  );
};

export default App;
```



4

Say Hello and Increment

Pass a parameter to an **onClick** event handler

```
import React from "react";

const App = () => {
  const sayHello = (name) => {
    alert(`Hello, ${name}!`);
  };

  return (
    <button
      onClick={() => {
```

```
    sayHello("React JS");  
  }  
  >  
    Say Hello  
  </button>  
);  
};  
  
export default App;
```

Name: P.L.V.Sai Ram (22481A4288)

ADD.EXP1:

AIM: Design a web page to show course Time Table using Table tag.

HTML CODE:

```
<html>
<head>
<style>
    h2.b{
        color:white;
        font-style:normal;
        font-weight:bold;
    }

    h1.big{
        writing-mode:vertical-lr;
        color:red;
    }
    h1.d{
        background-image:url("images.jpg");
        background-repeat:"repeat";
    }
    div.a{
        line-height:0.1;
    }
    div.b{
        line-height:0.2;
    }

    body {
        background-image:url("w.jpg");
        background-position:bottom;
    }
    table,th,td{
```

```

        text-align:center;
        border-color:orange;
        border-style:red;
    }
    td.c {
        text-align: center;
    }
</style>
</head>
<body>
<center>

        <div class="a"><h2 class="b">GUDLAVALLERU ENGINEERING
COLLEGE</h2>
<h4 style="color:orange"><b>(An Autonomous Institute with permanent
Affiliation to JNUTUK,Kakinada)</b></h4>
        <h4 style="color:orange">Seshadri Rao Knowledge Village,
Gudlavalleru - 521356</h5></div>
<div class="b"><h2 style="color:orange"><b>Department of Computer Sceience
and Engineering</b></h3>
        <h3 style="color:violet"><b>ACADEMIC YEAR 2020-21</b></h3></div>
</center>
<pre>
<font color="yellow"><h1 class="d"><marquee direction="right"
behaviour="alternate">TIME TABLE</marquee></h1></font>
</pre>
<div style="overflow-y:auto;">
<table align="center" bgcolor="azure" >
<center>
<tr>
        <TH rowspan="2">DAY</TH>
        <TH rowspan="2">ROOM NO</TH>
        <TH>9.00-9.50</TH>
        <th>9.50-10.40</th>
        <th>10.40-11.30</th>
        <th>11.30-12.20</th>
        <th>12.20-1.20</th>
        <th>1.20-2.10</th>
        <th>2.10-3.00</th>
        <th>3.00-3.50</th>
        <th>3.50-4.40</th>
    </tr>
    <tr>

```

```

<td class="c">1</td>
<td class="c">2</td>
<td class="c">3</td>
<td class="c">4</td>
<td colspan="1" rowspan="12"><h1 class="big">LUNCH</h1></td>
<td class="c">5</td>
<td class="c">6</td>
<td class="c">7</td>
<td class="c">8</td>
</tr>
<b>
<tr>
<td>MON</td>
<td class="c">324</td>
<td colspan="2" bgcolor="lightseagreen" class="c">OE-2</td>
<td class="c">WT</td>
<td class="c">CD</td>
<td class="c">OS</td>
<td class="c">SE</td>
<td class="c">ADS/AI</td>
<td class="c">COUN</td>
</tr>
<td rowspan="2" class="c">TUE</td>
<td rowspan="2" class="c">324</td>
<td rowspan="2" class="c">SE</td>
<td rowspan="2" class="c">CD</td>
<td rowspan="2" class="c">SE(T)</td>
<td rowspan="2" class="c">CD</td>
<td colspan="4" bgcolor="slateblue" class="c">PPT</td>
</tr>
<td class="c">WT(RC)</td>
<td class="c">CD(RC)</td>
<td class="c">OS(RC)</td>
<td class="c">LIB</td>
</tr>
<tr>
<td rowspan="2" class="c">WED</td>
<td rowspan="2" class="c">324</td>
<td colspan="4" ROWSPAN="2" bgcolor="darkviolet" class="c">WT
LAB(M-332)</td>
<td rowspan="2" class="c">ADS/AI</td>
<td rowspan="2" class="c">WT(T)

```



```

<td colspan="2" bgcolor="greenyellow" class="c">PPT</td>
</tr>
<tr>
    <td class="c">SE(RC)</td>
    <td class="c">Assoc</td>
</tr>
<tr>
    <td rowspan="2" class="c">THU</td>
    <td rowspan="2" class="c">324</td>
    <td colspan="2" class="c">GATE</td>
    <td colspan="2" bgcolor="orange" class="c">CLT</td>
    <td rowspan="2" class="c">WT</td>
    <td rowspan="2" class="c">OS</td>
    <td rowspan="2" class="c">CD(T)</td>
    <td rowspan="2" class="c">Club Activities</td>
</tr>
<tr>
    <td class="c">WT</td>
    <td class="c">OS</td>
    <td colspan="2" class="c">CD/OS</td>
</tr>
<tr>
    <td rowspan="2" class="c">FRI</td>
    <td rowspan="2" class="c">324</td>
    <td colspan="2" class="c">GATE</td>
    <td rowspan="2" class="c">ADS/AI</td>
    <td rowspan="2" class="c">WT(T)</td>
    <td rowspan="2" colspan="4" bgcolor="mediumseagreen" class="c">OS &
    CD LAB(M-301) </td>
</tr>
<tr>
    <td class="c">OS(T)</td>
    <td class="c">SE</td>
</tr>
<tr>
    <td class="c" rowspan="2">SAT</td>
    <td class="c" rowspan="2">324</td>
    <td colspan="2" class="c">PPT practice(M-301)</td>
    <td class="c" rowspan="2">WT</td>
    <td class="c" rowspan="2">SE</td>
    <td class="c" rowspan="2">ADS/AI</td>

```

```

<td BGCOLOR="TOMATO" COLSPAN="2" class="c" rowspan="2">OE-
2</td>
<td BGCOLOR="TOMATO" class="c" rowspan="2"></td>
</tr>
<tr>
<td class="c">CD</td>
<td class="c">ADS/AI</td>
</tr>
</b>
</center>
</table>
</div>
</body>
</html>

```

OUTPUT:

Please verify if WT Faculty Lab M... x Timetable.html x +

C:\Users\Viswa\Desktop\WT\Evaluation\WT%20LAB-Assignment%201-23\17481a1213%2017481a1213_766_assignsubmission_file_Timetable.html

(An Autonomous Institute with permanent Affiliation to JNUTU K,Kakinada)
Seshadri Rao Knowledge Village, Guntlavaluru - 521356
Department of Information Technology
ACADEMIC YEAR 2019-20

TIME TABLE

DAY	ROOM NO	9.00-9.50	9.50-10.40	10.40-11.30	11.30-12.20	12.20-1.20	1.20-2.10	2.10-3.00	3.00-3.50	3.50-4.00
MON	324	1 OE-2	2 WT	3 CD	4 CD		5 OS	6 SE	7 ADS/AI	8 COUN
TUE	324	SE	CD	SE(T)	CD		WT(RC)	CD(RC)	OS(RC)	LIB
WED	324	WT LAB(M-301)					ADS/AI	WT(T)	PPT	Assoc
THU	324	GATE	OS	CLT	CD-OS		WT	OS	CD(T)	Club Activities
FRI	324	GATE	OS(T)	SE	ADS/AI	WT(T)	OS & CD LAB(M-301)			
SAT	324	PPT practice(M-301)	CD	ADS/AI	WT	SE	ADS/AI	OE-2		

WT lab faculty m...docx WT lab faculty m...docx

Type here to search

22:40
22-11-2019

Name: P.L.V.Sai Ram (22481A4288)

ADD.EXP 2:

AIM: Create a web page to display India map which navigates you to state web page when you click on state.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click on the ANHRAPRADESH or on one of the STATE IN SOUTH INDIA  
to watch it closer:</p>
```

```

```

```
<map name="INDIA MAP">
```

```
<area shape="rect" coords="500,1009" alt="ANDHRAPRADESH" href="andhra  
pradesh.htm">
```

```
<area shape="circle" coords="10.8505° N, 76.2711° E" alt="KERALA"  
href="kerala.htm">
```

```
<area shape="circle" coords="11.1271° N, 78.6569° E" alt="TAMILNADU"  
href="tamilnadu.htm">
```

```
<area shape="circle" coords="15.3173° N, 75.7139° E" alt="KARNATAKA"  
href="karnataka.htm">
```

```
</map>
```

```
</body>
```

```
</html>
```

OUTPUT:

