Activity for HTML:

• Registration screen that would be used for registering users to the application.  
• Login screen for enabling role-based login to the application.

NOTES:

Topic ==> HML5  
==>Introduction.  
html 5= basic html + css + js

html  
css- cacading style sheets  
javascript -- scipt based lang

types of web pages  
1. static : it display the fixed contents on the web page  
does not respond to user actions.  
eg. plain html

2. dynamic web page  
respond to user actions like button click or mouse movements or validation (data checking).  
shows some changes at runtime.(when displayed in the browser)  
eg with html + css + js   
------------------------------------------  
==>basic structure of html  
Its not case sensitive  
1. Tags and its types  
<> ===> A pair of opening closing angular brackets is called as a tag.  
2. Tag Name  
<body> ====> here the tag name is body

do not write: < body > ====> do not give space before the tag name

3. tags can have attributes.  
A attribute gives additional properties to the tag.  
eg.   
Syntax.  
<tagname attri1="value1" attrb2="" >  
<img src="fly.jpg" />

4. A tag will have a closing  
<p>  
para contents goes here..............  
</p>  
5. tags which do not have contents.

<hr /> ===> horizontal ruler  
<br /> ==== > used to insert a blank line

<br> </br>  
------------------------------------------  
Tag Examples :  
hr  
<hr style="height:200px;width:2px;" />   
---------------  
<a href="cybershopee.html"> back </a>  
--------------  
<ul>  
<li> Java </li>  
<li> Sql Server </li>  
<li> HTML5 </li>  
<li> C# </li>  
</ul>  
--------------  
<audio src="chord.wav" controls="controls" loop=2>  
your browser does not support the audio  
</audio>   
----------------  
<hgroup>  
<h1> Cybershopee </h1>  
<h3> Books</h3>  
<h4> It Books </h4>  
</hgroup>  
----------------------------  
<article>  
<h2> Sql server 2012</h2>  
<p>Sql server is a data storage tool for managing hoge contents </p>  
</article>  
--------------------------  
<aside>\*All toys above Rs.500 </aside>  
---------------------------  
<nav>  
<a href="books.html"><img src="d:\imgs\fly.jpg" width="40" height="20"/> </a> <br>  
<a href="toys.html"> Toys </a> <br>  
<a href="cds.html"> cds </a> <br>  
</nav>  
-----------------------

<figure align="center">  
<figcaption >A fly </figcaption>  
<img src="d:\imgs\fly.jpg" border="2" width="200" height="300"   
alt="fly"/>  
</figure>  
--------------------------------  
<footer>  
Author:Chhaya  
</footer>  
------------------------  
<video width="100" height="100" controls="controls" src="Tour.mp4" >   
your browser does not support the audio  
</video>  
----------------------------------------  
<p>Display Meter: </p>  
<meter value="10" min="1" max="100">  
</meter>  
---------------------------  
Progress of a task: <progress value="50" max="100"> </progress>  
---------------------------------  
Linking the contents  
<html>  
<head>  
<title>My HTML Tutorial </title>  
</head>  
<body bgcolor="olive">  
<a name="top" />  
<a href="#footer"> <img src="d:\imgs\downarrow.jpg" /> </a>  
<a href="#footer"> Take me to the end of the page </a>  
<h1> HTML Tutorial </h1>  
<ol>  
<a href="ListDeml.html" target="\_new"> <li> List Demo </li> </a>  
<a href="demo3.html"> <li> Basic tags Demo</li> </a>  
</ol>  
<br/>  
<br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/>  
<br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/> <br/>

I am at the bottom of the page  
<a name="footer" />  
<a href="#top">Take me to the start of the page </a>  
</body>

</html>  
----------------------------------------------  
-->details display a arrow with defaut text as details  
<details>  
<p> many tags are used for formatting.many tags are used for formattingmany tags are used for formattingmany tags are used for formatting</p>  
</details>

<hr/>

-->details with summary provides a caption   
<details>  
<summary>Top 10 Headings </summary>  
<p>   
<li>  
story 1  
</li>  
<li>  
story 1  
</li>  
</p>  
</details>  
----------------------------------------------  
<head>  
<script type="text/javascript">  
document.write("hello.....from javascript");  
alert("hi............");  
</script>  
</head>  
-------------------------------------------------  
====>Css and its types  
CSS allows you to specify the style of your page  
elements (spacing, margins, etc.) separately from the  
structure of your document (headers, body text, links,  
etc.). This separation of structure from content allows  
greater manageability and makes changing the style of  
your document easier.  
1) Define how documents should be presented on  
screens or in print  
2) Put a structure on formatting  
3) Defined once and used many times  
4) Nested styles are permitted for flexibility  
5) HTML tags can be redefined with the desired  
presentation  
6) Custom styles can be defined as needed

1.Inline styles  
1. Individual element’s style declared using the  
STYLE attribute  
2. Each CSS property followed by a colon and the  
value of that attribute  
3. Multiple properties separated by semicolons  
<P STYLE = “font-size: 20 pt; color: #0000FF”>  
4. Inline styles override any other styles

<h2 style="color:green; background-color:red;">The Heading </h2>  
<p >inline styles </p>  
<p style="color: green; font-size:20pt">inline styles </p>  
<p style="color: red; font-size:30pt">inline styles </p>  
<H1 style="color:blue; font-size:40pt">inline styles </H1>  
<DIV style="color: lime; font-size:50pt">inline styles </DIV>

2. Internal/embedded css  
Embedded CSS (the Intended way)  
1. Style Rules defined only once  
2. Create one place to store all Styles  
4. Embedded Styles require less work!  
Set Background colors or images  
Set one or more margins  
Draw Borders in different sizes and colors.  
5. Embedded Styles are different sizes and colors.  
6. Embedded Styles use Curly Braces.  
To embed your <STYLE> block.  
In the   
<HEAD> after the <TITLE>, type:  
<STYLE TYPE="text/css">  
Here I embed my  
styles with joy </STYLE>  
<html>  
<head>  
<title>Style Demo </title>  
<style>  
h2{color:green; background-color:yellow;}  
p{color:red;font-style:italic;font-size:20pt;}  
#fire{color:red;font-style:italic;font-size:40pt;}

.sea{  
color:blue; background-color:lightblue;  
font-weight:bold;  
}  
p.style1{  
color:purple; background-color:lightblue;  
font-weight:bold;  
}  
a:link{color:#ff0000;}  
a:visited{color:#00ff00;}  
a:hover{color:#0000ff;}  
</style>  
</head>  
<body>  
<h2>The Heading </h2>  
<h2 id="fire" >The Heading </h2>  
<p class="style1"> This is First para </p>  
<p id="fire"> This is Second para </p>  
<p style="color:blue"> This is Third para </p>  
<p class="sea"> This is Sea class demo </p>  
<a href="menu.html"> Show Menu </a> |  
<a href="menu.html"> Show Contacts </a> |  
<a href="menu.html"> Show Styles</a> |  
</body>  
</html>  
==>eg. 2  
<style>  
div{  
width:100px;  
height:100px;  
background:blue;

}  
</style>

3. External Stylesheet  
--Linked to many Web pages

style1.css  
body {  
background-image: url('fly.jpg');  
background-repeat: repeat-x;  
}  
h1,h2,h3,h4,h5,h6{color:green;}  
div+p{color:yellow;}  
---------------  
<head>  
<title>Document</title>  
<link type="text/css" rel="stylesheet" href="style1.css" />  
</head>  
-------------------------------------------------------  
==>Grouping styles  
<head>  
<title>Document</title>  
<style>  
div{background-color:yellow;height:200px;width:200px;}  
h3,p{color:green}  
li,a{color:red;text-decoration:none;}  
div+p{background-color:lime;font-weight:bold;font-style:italic}  
div>p{background-color:magenta;font-weight:bold;font-style:italic}  
</style>  
</head>  
-----------------------------------

<html>  
<div>  
<h1>HTML registration form with varification</h1>  
<form name="registration" method="post">  
<table>  
<tr>  
<td><label for="name">Name:</label></td>  
<td><input type="text" name="name" id="name" placeholder="your name" required></td>  
</tr>  
<tr>  
<td><label for="email">Email:</label></td>  
<td><input type="email" name="email" id="email" placeholder="your email"></td>  
</tr>  
<tr>  
<td><label for="password">Password:</label></td>  
<td><input type="password" name="password" id="password"></td>  
</tr>  
<tr>  
<td><label for="phoneNumber">Phone Number:</label></td>  
<td><input type="number" name="phoneNumber" id="phoneNumber"></td>  
</tr>  
<tr>  
<td><label for="gender">Gender:</label></td>  
<td>Male: <input type="radio" name="gender" value="male">  
Female: <input type="radio" name="gender" value="female">  
Other: <input type="radio" name="gender" value="other"></td>  
</tr>  
<tr>  
<td><label for="name">DOB:</label></td>  
<td><input type="date" name="dob" id="dob" placeholder="your birth date"></td>  
</tr>  
<tr>  
<td><label for="language">language</label></td>  
<td>  
<select name="language" id="language">  
<option value="">Select language</option>  
<option value="English">English</option>  
<option value="Spanish">Spanish</option>  
<option value="Hindi">Hindi</option>  
<option value="Arabic">Arabic</option>  
<option value="Russian">Russian</option>  
</select>  
</td>  
</tr>  
<tr>  
<td><label for="zipcode">Zip Code:</label></td>  
<td><input type="number" name="zipcode" id="zipcode"></td>  
</tr>  
<tr>  
<td><label for="about">About:</label></td>  
<td><textarea name="about" id="about" placeholder="Write about yourself..."></textarea></td>  
</tr>  
<tr>  
<td><input type="submit" class="submit" value="Register" /></td>  
<td><input type="reset" class="reset" value="Clear Form" /></td>  
</tr>  
</table>  
</form>  
</div>  
</html>