1.2 Develop static pages (using only HTML) of an online Book store. The page should resemble: www.amazon.comand the website should contain the following pages. Home page, Registration and User Login, User Profile page, Books Catalog, Shopping Cart, Payment By Credit Card, Order Confirmation.

//Main.html

```
<html>
	<head>
		<title>Amazon</title>
	</head>
	<body bgcolor="lightblue"> <center>
		<marquee><strong><h1>Welcome to AMAZON</h1></strong></marquee>
		<form method="post" action="login.html" target=_blank >
		<h1>For books</h1>
		</br> </br>
		<input type="submit" value="Click here" width="300px"
		height="100px">
		</form>
	</body>
</html>
```

//Login.html

```
<html>
	<head>
		<title>login page</title>
	</head>
	<body bgcolor="lightblue"> <center>
		<marquee><strong><h1> AMAZON </h1></strong></marquee>
		<table align="center">
		<tr>
		<td><h4>Username</td>
		<td><input type="text" /></td>
		<td></td>
		</tr>
		<tr>
		<td><h4>Password</td>
		<td><input type="password" /></td>
		<td></td>
		</tr>
		<tr>
		<td>
		<form method="post" action="catalog.html" >
		<input type="submit" value="Go" >
		</form>
		</td>
		<td>
		<form method="post" action="userpro.html" >

		<input type="submit" value="Submit" >
		<input type="reset" value="Reset">
		</form></td>
		</tr>
		</table>
	</body>
</html>
```

//Ctalog.html

```
<html>
	<head>
		<title>books catalog</title>
	</head>
	<body bgcolor="lightblue">
		<marquee><h1>AMAZON BOOKS CATALOG</h1></marquee>
		<form method="post" action="shopping.html">
		<center>
		<table>
		<tr>
		<td><b><h1>Frontend books</h1></td>
		<td></td></tr>
		<tr>
		<td><h4>C&Ds</td>
		</tr>
		<tr>
		<td><h4>Ads</td>
		</tr>
		<tr>
		<td><h4>JAVA
		</td></tr>
		<tr>
		<td><b><h1>Backend books</h1></td>
		<td></td>
		</tr>
		<tr>
		<left>
		<td><h4>Oracle</td>
		</tr>
		<tr>
		<td><h4>Ms SQL Server
		</td></tr>
		<tr>
		<td><h4>MySql </td>
		</left>
		</tr>
		</table>
		</h4>
		<center>
		<h2><b>Click here to buy one of these books</b></h2>
		<br/></br>
		</b><input type="submit" value="Submit">

		</center>
		</form>
	</body>
</html>
```

//Shopping.html

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

```
            <title>shopping cart</title>
      </head>
      <body bgcolor="lightblue">
            <marquee><h1>
            Shopping Cart</h1></marquee>
            <br/><br/></br>
            <table align="center">
            <tr>
            <td>Text Books</td>
            <td>
            <select >
            <optgroup label="select the book">
            <option value="C&Ds">C & DS
            <option value="Ads">Ads
            <option value="Java">Java
            <option value="Oracle">Oracle
            <option value="Ms SQL Server">Ms SQL Server
            <option value="MySql">MySql
            </optgroup>
            </select>
            </td></tr>
            <tr>
            <td>
            Quantity</td>
            <td>
            <input type="text" id="q">
            </td></tr>
            <tr>
            <td></td>
            <td>
            <form method=post action="payment.html">
            <input type="submit" value="Ok" />
            </form>
            </td></tr>
            </table>
            <center>
            <h2><pre>Cost of one book is:"500" + shipping:"100"</pre></h2>
            </center>
      <body>
</html>
```

//Payment.html

```
<html>
      <head>
            <title>payment</title>
      </head>
      <body bgcolor="lightblue">
            <center><h1>Payment By Credit Card</h1></center>
            <form method=post action="ordconform.html">
            <br/><br/><br/>
            <table align="center">
            <tr>
            <td>
            <h4>Total Amount</h4></td>
            <td><input type="text">
            </td>
            </tr>
```

```
            <tr>
            <td><h4>Credit Card Number</td>
            <td><input type="text"></td>
            </tr>
            <tr>
            <td>
            </td>
            <td><input type="submit" value=OK>
            </td>
            </tr>
            </table>
            </form>
      </body>
</html>
```

//OrderConfirm.html

```
<html>
      <head>
            <title>order conformation</title>
      </head>
      <body bgcolor="lightblue">
            <center>
            <h1><b>BOOK SHOPPING</h1>
            <pre><strong>
            <h2>Your order Is Confirmed</h2>
            </strong></pre>
            <h2><b>THANK YOU FOR SHOPPING WITH US</h2>
            </center>
      </body>
</html>
```

//Userpro.html

```
<html>
      <head>
            <title>login page</title>
      </head>
      <body bgcolor="lightblue">
            <center><strong><h1> AMAZON SIGNUP</h1></strong></center>
            <form method="post" action="catalog.html" >
            <table align="left">
            <tr>
            <td><h4>Username</td>
            <td><input type="text" ></td>
            <tr>
            <tr>
            <td><h4>Password</td>
            <td><input type="password"></td>
            </tr>
            <tr>
            <td><h4>Confirm password</td>
            <td><input type="password"></td>
            </tr>
            <tr>
            <option>
            <td><h4>Male
            <input type="radio" name="sex" id="Male" /></td>
```

```
            <td><h4>Female
            <input type="radio" name="sex" id="Female" /></td>
            </option>
            </tr>
            <tr>
            <td>Address</td>
            <td><textarea name="address" rows=5 cols=19>
            </textarea>
            </td>
            <tr>
            <td>
            <input type="submit" value="Submit" ></td>
            <td>
            <input type="reset" value="Reset"></td>
            </tr>
            </form>
      </body>
</html>
```

2. CYCLE - II (CSS, XML, HTML and bootstrap)

2.1 Design an XHTML that uses CSS to test External Style Sheets for the chapters of the text book.

```
<!DOCTYPE>
<html>
      <head>
            <meta charset="UTF-8" >
            <title>Introduction page</title>
            <link rel="stylesheet" href="1.css">
      </head>
      <body>
            <h2> CHAPTER-01<h2>
            <center>
            <h1>Introduction to HTML5</h1>
            </center>
            <hr>
            <h3>Introduction</h3>
            <p> HTML is Hyper Text Markup Language, Latest version is
            HTML5. This is widely used version. <br>HTML runs under tags.
            </p>
            <h3> Tags</h3>
            <p> There are so many tags in HTML, Widely used tags are:-
            <br/> H1 :- This is the heading tag h1 prints most bigger words
            compared to other heading tags.
            <br/> html  :- HTML is the tag which contains the html code
      </body>
</html>

//1.css

h1{
font:bold 2em Helvetica 'Times New Roman'
}
h2{
font:bold 1.8em Helvetica 'Times New Roman'
}
h3{
font:bold 1.2em Helvetica 'Times New Roman'
}
p{
font:1em 'Times New Roman'
}
body{background-color:lightblue}
```

2.2 Create and test an HTML document that describes nested ordered lists of cars. The outer list must have three entries: compact, midsize, and sports. Inside each of these three lists there must be two sublists of body styles. The compact- and midsize-car sublists are two door and four door; the sports-car sublists are coupe and convertible. Each body-style sublist must have at least three entries, each of which is the make and model of a particular car that fits the category. The outer list must use uppercase Roman numerals, the middle lists must use uppercase letters, and the inner lists must use Arabic numerals. The background color for the compact-car list must be pink; for the midsize-car list, it must be blue; for the sports-car list, it must be red. All the styles must be in a document style sheet.

```
<!DOCTYPE html>
<!--e36.html-->
<html lang = "en">
	<head>
		<title> Exercise 3.6 </title>
		<style type = "text/css">
			ol{list-style-type: upper-roman;}
			ol ol{list-style-type: upper-alpha;}
			ol ol ol{list-style-type: decimal;}
			li.pink{color:black}
			li.blue{color:blue}
			li.red{color:red}
		</style>
		<meta charset = "utf-8" />
	</head>
	<body bgcolor="skyblue">
		<ol>
		<li class = "black"> Compact Cars
		<ol>
		<li> Two door
		<ol>
		<li> Hyundai Accent </li>
		<li> Chevrolet Cobalt </li>
		<li> Honda Civic </li>
		</ol>
		</li>
		<li> Four door
		<ol>
		<li> Hyundai Accent </li>
		<li> Chevrolet Cobalt </li>
		<li> Honda Civic </li>
		</ol>
		</li>
		</ol>
		</li>
		<li class = "blue"> Midsize Cars
		<ol>
		<li> Two door
		<ol>
		<li> Honda Accord </li>

		<li> Hyundai Genesis </li>
		<li> Nissan Altima </li>
```

```
            </ol>
            </li>
            <li> Four door
            <ol>
            <li> Honda Accord </li>
            <li> Dodge Avenger </li>
            <li> Ford Fusion </li>
            </ol>
            </li>
            </ol>
            </li>
            <li class = "red"> Sports Cars
            <ol>
            <li> Coupe
            <ol>
            <li> Jaguar XK </li>
            <li> Ford Mustang </li>
            <li> Nissan Z </li>
            </ol>
            </li>
            <li> Convertible
            <ol>
            <li> Mazda Miata </li>
            <li> Ford Mustang </li>
            <li> Lotus Elise </li>
            </ol>
            </li>
            </ol>
            </li>
            </ol>
      </body>
</html>
```

2.3 Design an XHTML that uses CSS to illustrate usage of table, borders, margin and padding.

```
<?XML version="1.0" encoding="utf-8"?>
<!DOCTYPE html PUBLIC="-//w3c//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
      <head> <!--lab1.html-->
            <link rel="stylesheet" type="text/css"href="mystyle.css"/>
            <title> lab program1 </title>
      </head>
      <body>
            <table border="4" wifth="5%"><!--table with name and email-->
            <tr>
            <th>name</th>
            <th>email</th>
            </tr>
            <tr>
            <td>Dr.HNS</td>
            <td>hms@gmail.com</td>
            </tr>
            <tr>
```

```
            <td>Dr.MKV</td>
            <td>mkv@grediffmail.com</td>
            </tr>
            <tr>
            <td>Dr.GTR</td>
            <td>gtr@rnsit.in</td>
            </tr>
            <tr>
            <td>Dr.MVS</td>
            <td>MVS@hotmail.com</td>
            </tr>
            </table>
            <p class="one">
            now is the time<br>[padding:0.2in]
            </p>
            <p>
            <span>this is a text.</span>this is a text.this is a text.this
            is a text.this is a text.this is a text.this is a text.this is
            a text.</span>
            </p>
      </body>
</html>

//mystyle.css

p,table,li,
{
      font-family:"lucida calligarhy",arial,"sans serif";
      margin-left:10pt;
}
p{ word-spacing:5px;}
body{background-color:rgb(200,255,205);}
p,li,td{font-size:75p%;}
#td{padding:0.5cm;}
th
{
text-align:center;
font-size:85%;
}
h1,h2,h3,hr{color:#483d8b;}
table
{
border-style:outset;
background-color:rgb(100,255,105);
}
p.one{
padding:0.2in;
background-color:#C0C0C0;
border-style:solid;
}
```

2.4 Design an XML document to store information about a student in an engineering college SSIT. The information must include USN, Name, and Name of the College, Branch, Year of Joining, and email id. Make up sample data for 3 students and produce a display of the raw XML document. Also create a CSS style sheet for the XML document and use it to create a display that document.

```
<!DOCTYPE html>
<html>
	<head>
		<link rel="stylesheet" href="styles.css" />
	</head>
	<body>
		<students>
		<student>
		<USN>USN:001</USN>
		<name>NAME:SANTOSH</name>
		<college>COLLEGE:SSIT</college>
		<year>YEAR:2015</year>
		<branch>BRANCH:Computer Science and Engineering</branch>
		<e-mail>E-Mail:santosh@gmail.com</e-mail>
		</student>
		<student>
		<USN>USN:002</USN>
		<name>NAME:MANORANJAN</name>
		<college>COLLEGE:SSIT</college>
		<branch>BRANCH:Information Science and Engineering</branch>
		<e-mail>E-Mail:manoranjan@gmail.com</e-mail>
		<year>YEAR: 2015</year>
		</student>
		<student>
		<USN>USN:101</USN>
		<name>NAME:CHETHAN</name>
		<college>COLLEGE SSIT</college>
		<branch>BRANCH:Electronics and Communication Engineering
		</branch>
		<year>YEAR:2015</year>
		<e-mail>E-Mail:chethan@gmail.com</e-mail>
		</student>
		</students>
	</body>
</html>

//styles.css
student {display: block; margin-top: 10px; color: Navy;}
USN{display:block; margin-left: 10px; font-size: 14pt; color: Red;}
name{display:block; margin-left:20px; font-size: 14pt; color:Blue; }
college{display:block; margin-left:20px; font-size:12pt; color:Maroon; }
branch{display:block; margin-left:20px; font-size:12pt; color: Purple; }
year{display:block; margin-left: 20px; font-size: 14pt; color: Green;}
e-mail{display:block; margin-left:20px; font-size:12pt; color:Blue;}
```

2.6 Write an XML file which will display the book information which includes the following.

a. Title of the book

b. Author Name

c. ISBN number

d. Edition

e. PriceDisplay the XML file as follows: The content should be displayed in table. The header of the table should be in color GREY and the author name column should be displayed in one color and should be capitalized and in bold. Use your own colors for remaining columns. Use CSS for the above purpose.

```
<?xml version=”1.0” encoding=”ISO-8859-1”?>
<?xml-stylesheet type=”text/css” href=”exercise17-1.css”?>
<body>
    <table>
        <caption>
            List of Good Programming Books
        </caption>
        <thead>
            <tr>
                <th>Title of the book</th>
                <th>Author Name</th>
                <th>ISBN</th>
                <th>Edition</th>
          <th>Price</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Programming on C</td>
                <td>Denis Riteche</td>
                <td>Prentice Hall</td>
           <td>2nd Edition</td>
                <td>Rs.250</td>
            </tr>
          <tr>
                <td>The Complete Reference C++</td>
                <td>Herbert Schildt</td>
                <td>McGraw Hill</td>
          <td>4th Edition</td>
                <td>Rs.750</td>
            </tr>
        </tbody>
    </table>
</body>
```

//exercise17-1.css

```
body {
    display: block;
    margin: 13px;
}
table {
```

```
    display: table;
    width: 600px;
    caption-side: bottom;
    border: thin solid black;
    table-layout: fixed;
    border-spacing: 0;
}
col {
    display: table-column;
}
thead {
    display: table-header-group;
}
tbody {
    display: table-row-group;
}
tr {
    display: table-row;

}
th, td {
    display: table-cell;
    border: thin solid black;
    text-align: center;
    font-weight: bold;
    overflow: hidden;
}
th {
    background: lightgrey;

}
td {
    vertical-align: top;
}
caption {
    display: table-caption;
    font-size: 90%;
    text-align: right;
}
td, th, caption {
    padding: 5px;
}
```