

## SET 7

### Set7.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE book SYSTEM "set7.dtd">
<book>
  <item>
    <title words="3">DS</title>
    <author>MANA</author>
    <isbn>106462</isbn>
    <publisher>jgh</publisher>
    <edition>2</edition>
    <price>500</price>
  </item>
  <item>
    <title words="3">DS</title>
    <author>MANA</author>
    <isbn>106462</isbn>
  </item>
  <item>
    <title words="3">DS</title>
    <author>MANA</author>
    <isbn>106462</isbn>
  </item>
</book>
```

### Set7.dtd

```
<!ELEMENT book (item)+>
<!ELEMENT item (title, author, isbn)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
<!ATTLIST title words #IMPLIED>
```

## SET-8

## Set8.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE movies SYSTEM "movie.dtd">
<movies>
  <movie>
    <title release="2020">abcd</title>
    <hero multi="false" age="25">Bharath</hero>
    <director mcount="1">Rakesh</director>
    <genre type="Entertainer">comedy</genre>
  </movie>
</movies>
```

## Set8.dtd

```
<!ELEMENT movies (movie)+>
<!ELEMENT movie (title,hero,director,genre)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT hero (#PCDATA)>
<!ELEMENT director (#PCDATA)>
<!ELEMENT genre (#PCDATA)>
<!ATTLIST title release CDATA "2019">
<!ATTLIST hero
  multi CDATA "false"
  age CDATA #IMPLIED
>
<!ATTLIST director mcount CDATA #REQUIRED>
<!ATTLIST genre type CDATA #FIXED "Entertainer">
```

## SET-9

Similar to above 2 questions

## SET-10

## Set10.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<book xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="Set10.xsd">
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
</book>
```

## Set10.xsd

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="book">*</xs:element>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="item" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="title" type="xs:string"/>
            <xs:element name="author" type="xs:string"/>
            <xs:element name="isbn" type="xs:string"/>
            <xs:element name="publisher" type="xs:string"/>
            <xs:element name="edition" type="xs:string"/>
            <xs:element name="price" type="xs:decimal"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

```

        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

SET-11

Set11.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<theatre xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:noNamespaceSchemaLocation="set11.1.xsd">
    <movie>
        <name>KILL BILL</name>
        <ticket>80</ticket>
        <rating max="5">4.5</rating>
    </movie>
    <movie>
        <name>KILL BILL1</name>
        <ticket>50</ticket>
        <rating max="5">4.5</rating>
    </movie>
    <movie>
        <name>KILL BILL2</name>
        <ticket>40</ticket>
        <rating max="5">4.5</rating>
    </movie>
</theatre>

```

Set11.1.xsd

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:element name="theatre">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="movie" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>

```

```

        <xs:element name="name" type="xs:string" />
        <xs:element name="ticket" type="xs:string" />
        <xs:element name="rating">
            <xs:complexType>
                <xs:simpleContent>
                    <xs:extension base="xs:string">
                        <xs:attribute name="max" type="xs:string" use="required" />
                    </xs:extension>
                </xs:simpleContent>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

</xs:schema>

```

Set 12

SHC.xml

```

<?xml version="1.0"?>
<hardware
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="SHC.xsd">
    <component>
        <core speed="10">i7</core>
        <ram type="ssd">512</ram>
        <rom company="HP">1TB</rom>
    </component>
    <component>
        <core speed="10">i9</core>
        <ram type="ssd">1024</ram>
        <rom company="HP">2TB</rom>
    </component>
</hardware>

```

SHC.xsd

```

<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:element name="hardware">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="component" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="core">
                                <xs:complexType>
                                    <xs:simpleContent>
                                        <xs:extension base="xs:string">
                                            <xs:attribute name="speed" type="xs:string"
use="required"/>
                                        </xs:extension>
                                    </xs:simpleContent>
                                </xs:complexType>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:element>
        <xs:element name="ram">
            <xs:complexType>
                <xs:simpleContent>
                    <xs:extension base="xs:string">
                        <xs:attribute name="type" type="xs:string"
use="required"/>
                    </xs:extension>
                </xs:simpleContent>
            </xs:complexType>
        </xs:element>
        <xs:element name="rom">
            <xs:complexType>
                <xs:simpleContent>
                    <xs:extension base="xs:string">
                        <xs:attribute name="company" type="xs:string"
fixed="HP"/>
                    </xs:extension>
                </xs:simpleContent>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

## Set 13

### Book.dtd

```

<!ELEMENT book (item)+>
<!ELEMENT item (title,author,ISBN,publisher,edition,price)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT ISBN (#PCDATA)>
<!ELEMENT publisher (#PCDATA)>
<!ELEMENT edition (#PCDATA)>
<!ELEMENT price (#PCDATA)>

```

### Book.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="Book.xsl"?>
<!DOCTYPE book SYSTEM "Book.dtd">
<book>
    <item>
        <title>Data Structures</title>
        <author>Rema Thereja</author>
        <ISBN>1024</ISBN>
        <publisher>Pearson</publisher>
        <edition>4</edition>
        <price>350</price>
    </item>

```

```

</item>
<item>
  <title>OOP with C++</title>
  <author>Bharth Kamal</author>
  <ISBN>2048</ISBN>
  <publisher>Cengage</publisher>
  <edition>8</edition>
  <price>540</price>
</item>
<item>
  <title>Data Base Management System</title>
  <author>Raghu Ram Krishna</author>
  <ISBN>512</ISBN>
  <publisher>PSR</publisher>
  <edition>3</edition>
  <price>450</price>
</item>
<item>
  <title>Python Programming</title>
  <author>Eric Matthes</author>
  <ISBN>1540</ISBN>
  <publisher>Pearson</publisher>
  <edition>11</edition>
  <price>675</price>
</item>
</book>

```

Book.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
  <h1>Books List</h1>
  <table border="1">
    <tr bgcolor="grey" style="color: white;">
      <th>Title</th>
      <th>Author</th>
      <th>ISBN</th>
      <th>Publisher</th>
      <th>Edition</th>
      <th>Price</th>
    </tr>
    <xsl:for-each select="book/item">
      <tr>
        <td bgcolor="yellow"><xsl:value-of select="title"/></td>
        <td bgcolor="aqua"><xsl:value-of select="author"/></td>
        <td bgcolor="orange"><xsl:value-of select="ISBN"/></td>
        <td bgcolor="lime"><xsl:value-of select="publisher"/></td>
        <td bgcolor="olive"><xsl:value-of select="edition"/></td>
        <td bgcolor="fuchsia"><xsl:value-of select="price"/></td>
      </tr>
    </xsl:for-each>
  </table>
</body>
</html>
</xsl:template>

```

</xsl:stylesheet>

Set 14

bean.java

import java.awt.\*;

import java.awt.event.\*;

import java.io.Serializable;

```
public final class bean extends Canvas implements Serializable {
    private Color color;
    private boolean rectangular;
    public bean() {
        addMouseListener(new MouseAdapter() {
            @Override
            public void mousePressed(MouseEvent me) {
                change();
            }
        });
        rectangular = false;
        setSize(200, 100);
        change();
    }
    public boolean getRectangular() {
        return rectangular;
    }
    public void setRectangular(boolean rectangular) {
        this.rectangular = rectangular;
        repaint();
    }
    public void change() {
        color = randomColor();
        if (getRectangular()) {
            setRectangular(false);
        } else {
            setRectangular(true);
        }
        repaint();
    }
    private Color randomColor() {
        int r = (int)(255*Math.random());
        int g = (int)(255*Math.random());
        int b = (int)(255*Math.random());
        return new Color(r, g, b);
    }
    public void paint(Graphics g) {
        Dimension d = getSize();
        int h = d.height;
        int w = d.width;
        g.setColor(color);
        if(rectangular) {
            g.fillRect(0, 0, w-1, h-1);
        } else {
            g.fillOval(0, 0, w-1, h-1);
        }
    }
}
```



Set 15  
Index.html

-----

MyServlet.java  
import java.io.\*;

import javax.servlet.\*;  
import javax.servlet.http.\*;

```
public class MyServlet extends HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        String firstName = request.getParameter("firstName");
        String middleName = request.getParameter("middleName");
        String lastName = request.getParameter("lastName");
        int age = Integer.parseInt(request.getParameter("age"));
        String gender = request.getParameter("gender");
        String email = request.getParameter("email");

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<html><head><title>MyServlet Output</title></head><body>");
        out.println("<h1>Output from MyServlet</h1>");
        out.println("<p>First Name: " + firstName + "</p>");
        out.println("<p>Middle Name: " + middleName + "</p>");
        out.println("<p>Last Name: " + lastName + "</p>");
        out.println("<p>Age: " + age + "</p>");
        out.println("<p>Gender: " + gender + "</p>");
        out.println("<p>Email: " + email + "</p>");
        out.println("</body></html>");

        out.close();
    }
}
```

```
web.xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <servlet>
    <servlet-name>MyServlet</servlet-name>
    <servlet-class>MyServlet</servlet-class>
    <init-param>
      <param-name>db-name</param-name>
      <param-value>cheppanu</param-value>
```

```

    </init-param>
</servlet>
<servlet-mapping>
    <servlet-name>MyServlet</servlet-name>
    <url-pattern>/MyServlet</url-pattern>
</servlet-mapping>
</web-app>

```

Set 16

InitParameterDemo.java

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

```

```

public class InitParameterDemo extends HttpServlet {

```

```

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

```

```

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        ServletConfig conf = getServletConfig();
        String dbUsername = conf.getInitParameter("db-username");
        String dbPassword = getServletContext().getInitParameter("db-password");
        String portNumber = getServletContext().getInitParameter("port-number");

```

```

        out.println("<html>");
        out.println("<head><title>Init Parameter Demo</title></head>");
        out.println("<body>");
        out.println("<h1>Init Parameters</h1>");
        out.println("<p>db-username: " + dbUsername + "</p>");
        out.println("<p>db-password: " + dbPassword + "</p>");
        out.println("<p>port-number: " + portNumber + "</p>");
        out.println("</body></html>");

```

```

    }
}

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app>
<servlet>
    <servlet-name>configure</servlet-name>
    <servlet-class>InitParameterDemo</servlet-class>
<init-param>
    <param-name>db-username</param-name>
    <param-value>cheppanu</param-value>
</init-param>
<init-param>
    <param-name>db-password</param-name>
    <param-value>chi..po..</param-value>
</init-param>
<init-param>
    <param-name>port-number</param-name>
    <param-value>8080</param-value>

```

```

</init-param>
</servlet>
<servlet-mapping>
    <servlet-name>configure</servlet-name>
    <url-pattern>/config</url-pattern>
</servlet-mapping>
</web-app>

```

Set 17

ContxParameterDemo.java

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

```

```

public class ContxParameterDemo extends HttpServlet {

```

```

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

```

```

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        String dbUsername = getServletContext().getInitParameter("db-username");
        String dbPassword = getServletContext().getInitParameter("db-password");
        String portNumber = getServletContext().getInitParameter("port-number");

```

```

        out.println("<html>");
        out.println("<head><title>context Parameter Demo</title></head>");
        out.println("<body>");
        out.println("<h1>context Parameters</h1>");
        out.println("<p>db-username: " + dbUsername + "</p>");
        out.println("<p>db-password: " + dbPassword + "</p>");
        out.println("<p>port-number: " + portNumber + "</p>");
        out.println("</body></html>");

```

```

    }
}

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <context-param>
        <param-name>db-username</param-name>
        <param-value>cheppanu</param-value>
    </context-param>
    <context-param>
        <param-name>db-password</param-name>
        <param-value>chi..po..</param-value>
    </context-param>
    <context-param>
        <param-name>port-number</param-name>
        <param-value>8080</param-value>
    </context-param>
</web-app>

```

Set 18

web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <servlet>
    <servlet-name>cs</servlet-name>
    <servlet-class>createSession</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>cs</servlet-name>
    <url-pattern>/create</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>us</servlet-name>
    <servlet-class>useSession</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>us</servlet-name>
    <url-pattern>/use</url-pattern>
  </servlet-mapping>
</web-app>
```

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Session</title>
  </head>
  <body>
    <center>
      <br /><br /><br /><br /><br />
      <form action="create" method="post">
        <label>Enter bg-color:</label>
        <input type="text" name="bgc" /><br /><br />
        <label>Enter color:</label>
        <input type="text" name="clr" /><br /><br />
        <label>Enter font-size:</label>
        <input type="number" name="fos" /><br /><br />
        <button type="submit">create Session</button>
      </form>
      <br /><br />
      <button onclick="window.location.href='use'">use Session</button>
    </center>
  </body>
</html>
```

createSession.java

```
import java.io.*;
import jakarta.servlet.*;
import jakarta.servlet.http.*;
```

```
public class createSession extends HttpServlet {
```

```

    public void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        PrintWriter out = response.getWriter();
        HttpSession ses = request.getSession(true);
        response.setContentType("text/html");
        String bg = request.getParameter("bgc");
        String cl = request.getParameter("clr");
        String fs = request.getParameter("fos");

        ses.setAttribute("bg", bg);
        ses.setAttribute("cl", cl);
        ses.setAttribute("fs", fs);
        out.println("<html><body><center><p><br><br><br>Session created...!</p>");
    }
}
useSession.java
import java.io.*;
import jakarta.servlet.*;
import jakarta.servlet.http.*;

public class useSession extends HttpServlet {
    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws IOException, ServletException {
        PrintWriter out = response.getWriter();
        HttpSession ses = request.getSession();
        String bgcolor = ses.getAttribute("bg");
        String color = ses.getAttribute("cl");
        String fontsize = ses.getAttribute("fs");
        out.println("<html><body><center><p><br><br><br>Session used...!</p>");
        out.println("<p>The value of 'bg-color' is " + bgcolor + "</p>");
        out.println("<p>The value of 'color' is " + color + "</p>");
        out.println("<p>The value of 'font-size' is " + fontsize + "</p>");
        out.println("</center></body></html>");
    }
}

```

Set 19

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Index</title>
</head>
<body>
    <form action="Login" method="post">
        Enter username: <input type="text" name="n1" />
    </form>

```

```

        Enter password: <input type="password" name="p1" />
        <input type="submit" value="click" />
    </form>
</body>
</html>

```

login.java

```

import javax.servlet.http.*;
import java.io.*;

import javax.servlet.*;

public class login extends HttpServlet{
    public void doPost(HttpServletRequest req, HttpServletResponse res) throws IOException, ServletException {
        String name = req.getParameter("n1");
        String pass = req.getParameter("p1");
        Cookie c1 = new Cookie("bharath", "1234");
        res.addCookie(c1);
        Cookie c2 = new Cookie("kamal", "1234");
        res.addCookie(c2);
        Cookie c3 = new Cookie("Sampath", "1234");
        res.addCookie(c3);
        Cookie c4 = new Cookie("Revi", "1234");
        res.addCookie(c4);
        Cookie[] carray = req.getCookies();
        int flag = 0;
        for(int i = 0; i < 4; i++) {
            if(carray[i].getName().equals(name) && carray[i].getValue().equals(pass)) {
                flag = 1;
            }
        }
        if (flag == 1) {
            PrintWriter out = res.getWriter();
            out.println("<h1>user validated</h1>");
        }
        else {
            PrintWriter out = res.getWriter();
            out.println("<h1>user NOT validated</h1>");
        }
    }
}

```

Web.xml

```

<web-app>
    <servlet>
        <servlet-name>Login</servlet-name>
        <servlet-class>login</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Login</servlet-name>

```

```

        <url-pattern>/Login</url-pattern>
    </servlet-mapping>
</web-app>

```

#### NOTE:

For execution of servlet program

```
"export CLASSPATH=./opt/tomcat/lib/servlet-api.jar"
```

For execution of jsp and jdbc programs

```
"export CLASSPATH=./opt/tomcat/lib/jsp-api.jar:/opt/tomcat/lib/(Drivers)"
```

Drivers-"place your installed JDBC drivers on ubuntu"

And include these commands on every execution of our new jsp or servlet program.

Set-20 and 21 are the same as last two weeks of our record .cat.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Myntra Special Collections</title>
    <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>
<h1>Myntra Special Collections</h1>
<div class="dresses-container">
    <div class="dress">
        
        <h2>Dress 1</h2>
        <p>Price: $50</p>
        <a href="/dress1">View</a>
    </div>
    <div class="dress">
        
        <h2>Dress 2</h2>
        <p>Price: $70</p>
        <a href="/dress2">View</a>
    </div>
    <div class="dress">
        
        <h2>Dress 3</h2>
        <p>Price: $90</p>
        <a href="/dress3">View</a>
    </div>
</div>
</center>
</body>
</html>

```

login.html

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>login and Registrtation Page - Myntra</title>
        <meta name="theme-color" content="#ffffff">
        <link rel="shortcut icon " type="image/x-icon " href="/home/student/Desktop/20331A0564/week1 and
2/files/fav.png" />

```





```

<title>Online Shopping for Women, Men, Kids Fashion & Lifestyle - Myntra</title>
<meta name="theme-color" content="#ffffff">
<link rel="shortcut icon " type="image/x-icon " href="/home/student/Desktop/20331A0564/week1 and
2/files/fav.png" />
<meta name="language " content="English ">
<link rel="stylesheet" href="/home/student/Desktop/20331A0564/week1 and 2/main.css"

</head>
<body>
  <div id="logo">
    <a href="/home/student/Desktop/20331A0564/week1 and 2/main.html">
    </div>
  <center>
    <strong><h1>Welcome to Myntra.com! Happy Shopping</h1></strong>
    <br>
    <form>
      <input type="search" placeholder="Search">
      <button type="submit">Search</button>
    </form>
    <br>
    <div id="header">
      <header>
        <h1>New Arrivals for Students</h1>
        <a href="https://myntra.com"></a>
      </header>
    </div>
    <div id="footer">
      <footer>
        <h1>Login here for other operations</h1>
        <form method="post" action="login.html" target=_blank>
          <p>if No account Just Create it with on simple click on the below button</p><input type="submit"
value="click here">
        </form>
      <br>
    </footer>
  </div>
</center>
</body>
</html>

```

```

order.html
<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">
<center>
<h1><b>Clothes Shoping</b></h1>
<pre><strong>
<b>Your order Is Conformed
</strong></pre>
<h2><b>THANK YOU</b></h2>
  <h2><b>Visit Again</b></h2>
</center>
</body></html>
pay.html
<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">

```

```

<center>
<form id="payment-form" action="order.html">
  <h1>Payment</h1>
  <label for="card-number">Card Number</label>
  <input type="text" id="card-number" name="card-number" placeholder="XXXX-XXXX-XXXX-XXXX">

  <label for="card-holder-name">Card Holder Name</label>
  <input type="text" id="card-holder-name" name="card-holder-name">

  <label for="expiration-date">Expiration Date</label>
  <input type="text" id="expiration-date" name="expiration-date" placeholder="MM/YY">

  <label for="cvv">CVV</label>
  <input type="text" id="cvv" name="cvv" placeholder="XXX">

  <label for="amount">Amount</label>
  <input type="text" id="amount" name="amount" placeholder="$">

  <select id="payment-method" name="payment-method">
    <option value="visa">Visa</option>
    <option value="mastercard">MasterCard</option>
    <option value="amex">American Express</option>
    <option value="discover">Discover</option>
  </select>

  <button type="submit" id="submit-payment" >Submit Payment</button>

  <h1> If paymnet fail please wait we are on high demand and less products</h1>
</form >
</center>
</body></html>
shop.html
<html>
<head><title>shopping cart by Myntra</title>
</head>
<body bgcolor="cyan">
<center><h1>
Shopping Cart</h1></center>
<br><br><br><br><br>
<table align="center">
<tr>
<td>Clothes</td>
<td>
<select >
<optgroup label="select the types of clothes you want">
<option value="Formal`">Formal
<option value="Informal">Informal
<option value="Hoodie">Hoodie
<option value="Hats">Hats
<option value="Shoes">Shoes
<option value="jackets">jackets
</optgroup>
</select>
</td></tr>
<tr>
<td>
Quantity</td>
<td>

```

```

<td>
<input type="text" id="q">
</td></tr>
<tr>
<td></td>
<td>
<form method=post action="pay.html">
<input type="submit" value=ok />
</form>
</td></tr>
</table>
<center>
<pre>Cost of one Clothes start as has least as ~100 + shipping "Based on your location"</pre>
</center>
<body>
</html>

```

user.css

```

.form-grid {
  display: grid;
  grid-template-columns: 1fr 1fr;
  grid-gap: 10px;
}

```

```

.dresses-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}

```

```

.dress {
  width: 300px;
  margin: 10px;
  text-align: center;
}

```

```

.dress img {
  max-width: 100%;
}

```

userpro.html

```

<!DOCTYPE html>
<html>
<head>
  <title>Myntra Registration</title>
  <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>
<h1>Myntra Registration</h1>
  <div class="form-grid">
    <form>
      <label for="name">Name:</label>
      <input type="text" id="name" name="name"><br>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email"><br>

      <label for="phone">Phone:</label>
      <input type="tel" id="phone" name="phone"><br>
    </form>
  </div>

```

```

<label for="address">Address:</label>
<textarea id="address" name="address"></textarea><br>

<input type="submit" value="Submit">
</form>
</div>
</center>
</body>
</html>

```

SET-10

Set10.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<book xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="Set10.xsd">
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
  <item>
    <title>Example Book</title>
    <author>John Doe</author>
    <isbn>1234567890</isbn>
    <publisher>Example Publisher</publisher>
    <edition>First</edition>
    <price>9.99</price>
  </item>
</book>

```

Set10.xsd

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="book">*</xs:element>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="item" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="title" type="xs:string"/>

```

```

        <xs:element name="author" type="xs:string"/>
        <xs:element name="isbn" type="xs:string"/>
        <xs:element name="publisher" type="xs:string"/>
        <xs:element name="edition" type="xs:string"/>
        <xs:element name="price" type="xs:decimal"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
SET-11

```

Set11.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<theatre xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="set11.1.xsd">
  <movie>
    <name>KILL BILL</name>
    <ticket>80</ticket>
    <rating max="5">4.5</rating>
  </movie>
  <movie>
    <name>KILL BILL1</name>
    <ticket>50</ticket>
    <rating max="5">4.5</rating>
  </movie>
  <movie>
    <name>KILL BILL2</name>
    <ticket>40</ticket>
    <rating max="5">4.5</rating>
  </movie>
</theatre>

```

Set11.1.xsd

```

<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="theatre">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="movie" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="name" type="xs:string" />
              <xs:element name="ticket" type="xs:string" />
              <xs:element name="rating">
                <xs:complexType>
                  <xs:simpleContent>
                    <xs:extension base="xs:string">
                      <xs:attribute name="max" type="xs:string" use="required" />
                    </xs:extension>
                  </xs:simpleContent>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

```

        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
Set 12
SHC.xml
<?xml version="1.0"?>
<hardware
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="SHC.xsd">
  <component>
    <core speed="10">i7</core>
    <ram type="ssd">512</ram>
    <rom company="HP">1TB</rom>
  </component>
  <component>
    <core speed="10">i9</core>
    <ram type="ssd">1024</ram>
    <rom company="HP">2TB</rom>
  </component>
</hardware>
SHC.xsd
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:element name="hardware">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="component" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="core">
                <xs:complexType>
                  <xs:simpleContent>
                    <xs:extension base="xs:string">
                      <xs:attribute name="speed" type="xs:string"
use="required"/>
                    </xs:extension>
                  </xs:simpleContent>
                </xs:complexType>
              </xs:element>
              <xs:element name="ram">
                <xs:complexType>
                  <xs:simpleContent>
                    <xs:extension base="xs:string">
                      <xs:attribute name="type" type="xs:string"
use="required"/>
                    </xs:extension>
                  </xs:simpleContent>
                </xs:complexType>
              </xs:element>
              <xs:element name="rom">
                <xs:complexType>

```

```

        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute name="company" type="xs:string"
fixed="HP"/>
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
Set 13

```

Book.dtd

```

<!ELEMENT book (item)+>
<!ELEMENT item (title,author,ISBN,publisher,edition,price)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT ISBN (#PCDATA)>
<!ELEMENT publisher (#PCDATA)>
<!ELEMENT edition (#PCDATA)>
<!ELEMENT price (#PCDATA)>

```

Book.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="Book.xsl"?>
<!DOCTYPE book SYSTEM "Book.dtd">
<book>
    <item>
        <title>Data Structures</title>
        <author>Rema Thereja</author>
        <ISBN>1024</ISBN>
        <publisher>Pearson</publisher>
        <edition>4</edition>
        <price>350</price>
    </item>
    <item>
        <title>OOP with C++</title>
        <author>Bharth Kamal</author>
        <ISBN>2048</ISBN>
        <publisher>Cengage</publisher>
        <edition>8</edition>
        <price>540</price>
    </item>
    <item>
        <title>Data Base Management System</title>
        <author>Raghu Ram Krishna</author>
        <ISBN>512</ISBN>
        <publisher>PSR</publisher>
        <edition>3</edition>
        <price>450</price>
    </item>
    <item>
        <title>Python Programming</title>

```

```

        <author>Eric Matthes</author>
        <ISBN>1540</ISBN>
        <publisher>Pearson</publisher>
        <edition>11</edition>
        <price>675</price>
    </item>
</book>

```

Book.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
    <h1>Books List</h1>
    <table border="1">
    <tr bgcolor="grey" style="color: white;">
        <th>Title</th>
        <th>Author</th>
        <th>ISBN</th>
        <th>Publisher</th>
        <th>Edition</th>
        <th>Price</th>
    </tr>
    <xsl:for-each select="book/item">
    <tr>
        <td bgcolor="yellow"><xsl:value-of select="title"/></td>
        <td bgcolor="aqua"><xsl:value-of select="author"/></td>
        <td bgcolor="orange"><xsl:value-of select="ISBN"/></td>
        <td bgcolor="lime"><xsl:value-of select="publisher"/></td>
        <td bgcolor="olive"><xsl:value-of select="edition"/></td>
        <td bgcolor="fuchsia"><xsl:value-of select="price"/></td>
    </tr>
    </xsl:for-each>
    </table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

Set 14

bean.java

```

import java.awt.*;
import java.awt.event.*;
import java.io.Serializable;

```

```

public final class bean extends Canvas implements Serializable {
    private Color color;
    private boolean rectangular;
    public bean() {
        addMouseListener(new MouseAdapter() {
            @Override
            public void mousePressed(MouseEvent me) {
                change();
            }
        });
        rectangular = false;
        setSize(200, 100);
        change();
    }
}

```



```

}
public boolean getRectangular() {
    return rectangular;
}
public void setRectangular(boolean rectangular) {
    this.rectangular = rectangular;
    repaint();
}
public void change() {
    color = randomColor();
    if (getRectangular()) {
        setRectangular(false);
    } else {
        setRectangular(true);
    }
    repaint();
}
private Color randomColor() {
    int r = (int)(255*Math.random());
    int g = (int)(255*Math.random());
    int b = (int)(255*Math.random());
    return new Color(r, g, b);
}
public void paint(Graphics g) {
    Dimension d = getSize();
    int h = d.height;
    int w = d.width;
    g.setColor(color);
    if(rectangular) {
        g.fillRect(0, 0, w-1, h-1);
    } else {
        g.fillOval(0, 0, w-1, h-1);
    }
}
}

```

Set 15  
Index.html

-----

MyServlet.java  
import java.io.\*;

import javax.servlet.\*;  
import javax.servlet.http.\*;

```

public class MyServlet extends HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        String firstName = request.getParameter("firstName");
        String middleName = request.getParameter("middleName");
        String lastName = request.getParameter("lastName");
        int age = Integer.parseInt(request.getParameter("age"));
        String gender = request.getParameter("gender");
        String email = request.getParameter("email");
    }
}

```

```

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<html><head><title>MyServlet Output</title></head><body>");
        out.println("<h1>Output from MyServlet</h1>");
        out.println("<p>First Name: " + firstName + "</p>");
        out.println("<p>Middle Name: " + middleName + "</p>");
        out.println("<p>Last Name: " + lastName + "</p>");
        out.println("<p>Age: " + age + "</p>");
        out.println("<p>Gender: " + gender + "</p>");
        out.println("<p>Email: " + email + "</p>");
        out.println("</body></html>");

        out.close();
    }
}

```

```

web.xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <servlet>
    <servlet-name>MyServlet</servlet-name>
    <servlet-class>MyServlet</servlet-class>
    <init-param>
      <param-name>db-name</param-name>
      <param-value>cheppanu</param-value>
    </init-param>
  </servlet>
  <servlet-mapping>
    <servlet-name>MyServlet</servlet-name>
    <url-pattern>/MyServlet</url-pattern>
  </servlet-mapping>
</web-app>

```

Set 16

InitParameterDemo.java

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

```

```

public class InitParameterDemo extends HttpServlet {

```

```

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

```

```

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        ServletConfig conf = getServletConfig();
        String dbUsername = conf.getInitParameter("db-username");
        String dbPassword = getServletContext().getInitParameter("db-password");
        String portNumber = getServletContext().getInitParameter("port-number");

```

```

        out.println("<html>");
        out.println("<head><title>Init Parameter Demo</title></head>");
        out.println("<body>");
        out.println("<h1>Init Parameters</h1>");
        out.println("<p>db-username: " + dbUsername + "</p>");
        out.println("<p>db-password: " + dbPassword + "</p>");
        out.println("<p>port-number: " + portNumber + "</p>");
        out.println("</body></html>");

```

```

    }
}
web.xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
<servlet>
    <servlet-name>configure</servlet-name>
    <servlet-class>InitParameterDemo</servlet-class>
<init-param>
    <param-name>db-username</param-name>
    <param-value>cheppanu</param-value>
</init-param>
<init-param>
    <param-name>db-password</param-name>
    <param-value>chi..po..</param-value>
</init-param>
<init-param>
    <param-name>port-number</param-name>
    <param-value>8080</param-value>
</init-param>
</servlet>
<servlet-mapping>
    <servlet-name>configure</servlet-name>
    <url-pattern>/config</url-pattern>
</servlet-mapping>
</web-app>

```

Set 17

ContxParameterDemo.java

```

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

```

```

public class ContxParameterDemo extends HttpServlet {

    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        String dbUsername = getServletContext().getInitParameter("db-username");
        String dbPassword = getServletContext().getInitParameter("db-password");
        String portNumber = getServletContext().getInitParameter("port-number");

        out.println("<html>");
        out.println("<head><title>context Parameter Demo</title></head>");
        out.println("<body>");
        out.println("<h1>context Parameters</h1>");
        out.println("<p>db-username: " + dbUsername + "</p>");
        out.println("<p>db-password: " + dbPassword + "</p>");
        out.println("<p>port-number: " + portNumber + "</p>");
        out.println("</body></html>");
    }
}

```

```

web.xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
<context-param>
    <param-name>db-username</param-name>

```

```

    <param-value>cheppanu</param-value>
  </context-param>
</context-param>
  <param-name>db-password</param-name>
  <param-value>chi..po..</param-value>
</context-param>
</context-param>
  <param-name>port-number</param-name>
  <param-value>8080</param-value>
</context-param>
</web-app>
Set 18
web.xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <servlet>
    <servlet-name>cs</servlet-name>
    <servlet-class>createSession</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>cs</servlet-name>
    <url-pattern>/create</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>us</servlet-name>
    <servlet-class>useSession</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>us</servlet-name>
    <url-pattern>/use</url-pattern>
  </servlet-mapping>
</web-app>

```

```

index.html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Session</title>
  </head>
  <body>
    <center>
      <br /><br /><br /><br /><br />
      <form action="create" method="post">
        <label>Enter bg-color:</label>
        <input type="text" name="bgc" /><br /><br />
        <label>Enter color:</label>
        <input type="text" name="clr" /><br /><br />
        <label>Enter font-size:</label>
        <input type="number" name="fos" /><br /><br />
        <button type="submit">create Session</button>
      </form>
      <br /><br />
      <button onclick="window.location.href='use'">use Session</button>
    </center>
  </body>

```

</html>

createSession.java

```
import java.io.*;
import jakarta.servlet.*;
import jakarta.servlet.http.*;
```

```
public class createSession extends HttpServlet {
    public void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        PrintWriter out = response.getWriter();
        HttpSession ses = request.getSession(true);
        response.setContentType("text/html");
        String bg = request.getParameter("bgc");
        String cl = request.getParameter("clr");
        String fs = request.getParameter("fos");

        ses.setAttribute("bg", bg);
        ses.setAttribute("cl", cl);
        ses.setAttribute("fs", fs);
        out.println("<html><body><center><p><br><br><br>Session created...!</p>");
    }
}
```

useSession.java

```
import java.io.*;
import jakarta.servlet.*;
import jakarta.servlet.http.*;
```

```
public class useSession extends HttpServlet {
    public void doGet(HttpServletRequest request, HttpServletResponse response)
        throws IOException, ServletException {
        PrintWriter out = response.getWriter();
        HttpSession ses = request.getSession();
        String bgcolor = ses.getAttribute("bg");
        String color = ses.getAttribute("cl");
        String fontsize = ses.getAttribute("fs");
        out.println("<html><body><center><p><br><br><br>Session used...!</p>");
        out.println("<p>The value of 'bg-color' is " + bgcolor + "</p>");
        out.println("<p>The value of 'color' is " + color + "</p>");
        out.println("<p>The value of 'font-size' is " + fontsize + "</p>");
        out.println("</center></body></html>");
    }
}
```

Set 19

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Index</title>
```

```

</head>
<body>
    <form action="Login" method="post">
        Enter username: <input type="text" name="n1" />
        Enter password: <input type="password" name="p1" />
        <input type="submit" value="click" />
    </form>
</body>
</html>

```

login.java

```

import javax.servlet.http.*;
import java.io.*;

```

```

import javax.servlet.*;

```

```

public class login extends HttpServlet{
    public void doPost(HttpServletRequest req, HttpServletResponse res) throws IOException, ServletException {
        String name = req.getParameter("n1");
        String pass = req.getParameter("p1");
        Cookie c1 = new Cookie("bharath", "1234");
        res.addCookie(c1);
        Cookie c2 = new Cookie("kamal", "1234");
        res.addCookie(c2);
        Cookie c3 = new Cookie("Sampath", "1234");
        res.addCookie(c3);
        Cookie c4 = new Cookie("Revi", "1234");
        res.addCookie(c4);
        Cookie[] carray = req.getCookies();
        int flag = 0;
        for(int i = 0; i < 4; i++) {
            if(carray[i].getName().equals(name) && carray[i].getValue().equals(pass)) {
                flag = 1;
            }
        }
        if (flag == 1) {
            PrintWriter out = res.getWriter();
            out.println("<h1>user validated</h1>");
        }
        else {
            PrintWriter out = res.getWriter();
            out.println("<h1>user NOT validated</h1>");
        }
    }
}

```

Web.xml

```

<web-app>
    <servlet>
        <servlet-name>Login</servlet-name>

```

```

        <servlet-class>login</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Login</servlet-name>
        <url-pattern>/Login</url-pattern>
    </servlet-mapping>
</web-app>
cat.html
<!DOCTYPE html>
<html>
<head>
    <title>Myntra Special Collections</title>
    <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>
<h1>Myntra Special Collections</h1>
<div class="dresses-container">
    <div class="dress">
        
        <h2>Dress 1</h2>
        <p>Price: $50</p>
        <a href="/dress1">View</a>
    </div>
    <div class="dress">
        
        <h2>Dress 2</h2>
        <p>Price: $70</p>
        <a href="/dress2">View</a>
    </div>
    <div class="dress">
        
        <h2>Dress 3</h2>
        <p>Price: $90</p>
        <a href="/dress3">View</a>
    </div>
</div>
</center>
</body>
</html>
login.html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>login and Registrtation Page - Myntra</title>
        <meta name="theme-color" content="#ffffff">
        <link rel="shortcut icon " type="image/x-icon " href="/home/student/Desktop/20331A0564/week1 and
2/files/fav.png" />
        <meta name="language " content="English ">
        <link rel="stylesheet" href="/home/student/Desktop/20331A0564/week1 and 2/main.css"
    </head>

    <body bgcolor="#FFB6C1">
        <div id="logo">
            <a href="/home/student/Desktop/20331A0564/week1 and 2/main.html"><img

```





```

</head>
<body>
  <div id="logo">
    <a href="/home/student/Desktop/20331A0564/week1 and 2/main.html">
    </div>
  <center>
    <strong><h1>Welcome to Myntra.com! Happy Shopping</h1></strong>
    <br>
    <form>
      <input type="search" placeholder="Search">
      <button type="submit">Search</button>
    </form>
    <br>
    <div id="header">
      <header>
        <h1>New Arrivals for Students</h1>
        <a href="https://myntra.com"></a>
      </header>
    </div>
    <div id="footer">
      <footer>
        <h1>Login here for other operations</h1>
        <form method="post" action="login.html" target=_blank>
        <p>if No account Just Create it with on simple click on the below button</p><input type="submit"
value="click here">
      </form>
      <br>
    </footer>
  </div>
</center>
</body>
</html>

```

order.html

```

<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">
<center>
<h1><b>Clothes Shoping</b></h1>
<pre><strong>
<b>Your order Is Conformed
</strong></pre>
<h2><b>THANK YOU</b></h2>
  <h2><b>Visit Again</b></h2>
</center>
</body></html>

```

pay.html

```

<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">
<center>
<form id="payment-form" action="order.html">
  <h1>Payment</h1>
  <label for="card-number">Card Number</label>
  <input type="text" id="card-number" name="card-number" placeholder="XXXX-XXXX-XXXX-XXXX">

  <label for="card-holder-name">Card Holder Name</label>

```

```

<input type="text" id="card-holder-name" name="card-holder-name">

<label for="expiration-date">Expiration Date</label>
<input type="text" id="expiration-date" name="expiration-date" placeholder="MM/YY">

<label for="cvv">CVV</label>
<input type="text" id="cvv" name="cvv" placeholder="XXX">

<label for="amount">Amount</label>
<input type="text" id="amount" name="amount" placeholder="$">

<select id="payment-method" name="payment-method">
  <option value="visa">Visa</option>
  <option value="mastercard">MasterCard</option>
  <option value="amex">American Express</option>
  <option value="discover">Discover</option>
</select>

<button type="submit" id="submit-payment" >Submit Payment</button>

<h1> If paymnet fail please wait we are on high demand and less products</h1>
</form >
</center>
</body></html>
shop.html
<html>
<head><title>shopping cart by Myntra</title>
</head>
<body bgcolor="cyan">
<center><h1>
Shopping Cart</h1></center>
<br><br><br><br><br>
<table align="center">
<tr>
<td>Clothes</td>
<td>
<select >
<optgroup label="select the types of clothes you want">
<option value="Formal`">Formal
<option value="Informal">Informal
<option value="Hoodie">Hoodie
<option value="Hats">Hats
<option value="Shoes">Shoes
<option value="jackets">jackets
</optgroup>
</select>
</td></tr>
<tr>
<td>
Quantity</t
d>
<td>
<input type="text" id="q">
</td></tr>
<tr>
<td></td>
<td>
<form method=post action="pay.html">

```

```

<input type="submit" value=ok />
</form>
</td></tr>
</table>
<center>
<pre>Cost of one Clothes start as has least as ~100 + shipping "Based on your location"</pre>
</center>
<body>
</html>

```

user.css

```

.form-grid {
  display: grid;
  grid-template-columns: 1fr 1fr;
  grid-gap: 10px;
}

```

```

.dresses-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}

```

```

.dress {
  width: 300px;
  margin: 10px;
  text-align: center;
}

```

```

.dress img {
  max-width: 100%;
}

```

userpro.html

```

<!DOCTYPE html>
<html>
<head>
  <title>Myntra Registration</title>
  <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>
<h1>Myntra Registration</h1>
<div class="form-grid">
  <form>
    <label for="name">Name:</label>
    <input type="text" id="name" name="name"><br>

    <label for="email">Email:</label>
    <input type="email" id="email" name="email"><br>

    <label for="phone">Phone:</label>
    <input type="tel" id="phone" name="phone"><br>

    <label for="address">Address:</label>
    <textarea id="address" name="address"></textarea><br>

    <input type="submit" value="Submit">
  </form>
</div>

```

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

```
users.jsp
<%@ page import="java.sql.*" %>
<html>
<head>
<title>Database Query</title>
</head>
<body>
<h2>Users:</h2>
<%
String url = "jdbc:mysql://localhost:3306/jdbc";
String username = "root";
String password = "root";
String driver = "com.mysql.jdbc.Driver";
Connection conn = DriverManager.getConnection(url, username,
password);
Class.forName(driver);
Statement stmt = conn.createStatement();
String sql = "SELECT * FROM users";
ResultSet rs = stmt.executeQuery(sql);
while (rs.next()) {
String name = rs.getString("name");
String email = rs.getString("email");
String phone = rs.getString("phno");
out.println("Name: " + name + ", Email: " + email + ", Phone: " +
phone + "<br>");
}
rs.close();
stmt.close();
conn.close();
%>
</body>
</html>
```

```
register.jsp
<%@ page import="java.sql.*" %>
<!DOCTYPE html>
<html>
<head>
<title>Registration Success</title>
</head>
<body>
<%
String name = request.getParameter("name");
String email = request.getParameter("email");
String phone = request.getParameter("phone");
String password = request.getParameter("password");
String url = "jdbc:mysql://localhost:3306/jdbc";
String un = "root";
String pw = "root";
Connection conn = DriverManager.getConnection(url, un, pw);
String sql = "INSERT INTO users (name, email, phno, password)
VALUES (?, ?, ?, ?)";
PreparedStatement pstmt = conn.prepareStatement(sql);
pstmt.setString(1, name);
```

```

pstmt.setString(2, email);
pstmt.setString(3, phone);
pstmt.setString(4, password);
pstmt.executeUpdate();
pstmt.close();
conn.close();
%>
<h2>Registration Success</h2>
<p>Thank you for registering, <%= name %>! Your details have been
added to our database. </p>
</body>
</html> Login.html
<form action="login.jsp" method="post">
<label for="username">Username:</label>
<input type="text" name="username" required /><br><br>
<label for="password">Password:</label>
<input type="password" name="password" required /><br><br>
<input type="submit" value="Login" />
</form>

```

```

Login.jsp
<%@ page import="java.sql.*" %>
<%
String name = request.getParameter("username");
String password = request.getParameter("password");
String url = "jdbc:mysql://localhost:3306/jdbc";
String un = "root";
String pw = "root";
Connection conn = DriverManager.getConnection(url, un, pw);
String sql = "SELECT * FROM users WHERE name=? AND
password=?";
PreparedStatement stmt = conn.prepareStatement(sql);
stmt.setString(1, name);
stmt.setString(2, password);
ResultSet rs = stmt.executeQuery();
if (rs.next()) {
    String nm = rs.getString("name");
    String mail = rs.getString("email");
    String phone = rs.getString("phno");
    out.println("<p>Login successful!</p>");
    out.println("<p>Welcome, " + nm + "!<br>");
    out.println("Email: " + mail + "<br>");
    out.println("Phone: " + phone + "</p>");
} else {
    out.println("<p>Invalid username or password.</p>");
}
rs.close();
stmt.close();
conn.close();
%>cat.html
<!DOCTYPE html>
<html>
<head>
    <title>Myntra Special Collections</title>
    <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>

```

```

<h1>Myntra Special Collections</h1>
<div class="dresses-container">
  <div class="dress">
    
    <h2>Dress 1</h2>
    <p>Price: $50</p>
    <a href="/dress1">View</a>
  </div>
  <div class="dress">
    
    <h2>Dress 2</h2>
    <p>Price: $70</p>
    <a href="/dress2">View</a>
  </div>
  <div class="dress">
    
    <h2>Dress 3</h2>
    <p>Price: $90</p>
    <a href="/dress3">View</a>
  </div>
</div>
</center>
</body>
</html>
login.html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>login and Registrtation Page - Myntra</title>
    <meta name="theme-color" content="#ffffff">
    <link rel="shortcut icon " type="image/x-icon " href="/home/student/Desktop/20331A0564/week1 and 2/files/fav.png" />
    <meta name="language " content="English ">
    <link rel="stylesheet" href="/home/student/Desktop/20331A0564/week1 and 2/main.css"
  </head>

  <body bgcolor="#FFB6C1">
    <div id="logo">
      <a href="/home/student/Desktop/20331A0564/week1 and 2/main.html"></a>
    </div>
    <center>
      <h1>Myntra Account Page</h1>
    </center>
    <center>
      <table align="center" bgcolor="lightblue">
        <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>
      </table>
    </center>
  </body>
</html>

```

[illegible]

```

    <header>
      <h1>New Arrivals for Students</h1>
      <a href="https://myntra.com"></a>
    </header>
  </div>
  <div id="footer">
    <footer>
      <h1>Login here for other operations</h1>
      <form method="post" action="login.html" target=_blank>
        <p>if No account Just Create it with on simple click on the below button</p><input type="submit"
value="click here">
      </form>
      <br>
    </footer>
  </div>
</center>
</body>
</html>

```

order.html

```

<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">
<center>
<h1><b>Clothes Shoping</b></h1>
<pre><strong>
<b>Your order Is Conformed
</strong></pre>
<h2><b>THANK YOU</b></h2>
  <h2><b>Visit Again</b></h2>
</center>
</body></html>

```

pay.html

```

<html>
<head><title>order conformation</title><M/head>
<body bgcolor="pink">
<center>
<form id="payment-form" action="order.html">
  <h1>Payment</h1>
  <label for="card-number">Card Number</label>
  <input type="text" id="card-number" name="card-number" placeholder="XXXX-XXXX-XXXX-XXXX">

  <label for="card-holder-name">Card Holder Name</label>
  <input type="text" id="card-holder-name" name="card-holder-name">

  <label for="expiration-date">Expiration Date</label>
  <input type="text" id="expiration-date" name="expiration-date" placeholder="MM/YY">

  <label for="cvv">CVV</label>
  <input type="text" id="cvv" name="cvv" placeholder="XXX">

  <label for="amount">Amount</label>
  <input type="text" id="amount" name="amount" placeholder="$">

  <select id="payment-method" name="payment-method">
    <option value="visa">Visa</option>
    <option value="mastercard">MasterCard</option>
    <option value="amex">American Express</option>
    <option value="discover">Discover</option>
  </select>

```



```

</select>

<button type="submit" id="submit-payment" >Submit Payment</button>

<h1> If paymnet fail please wait we are on high demand and less products</h1>
</form >
</center>
</body></html>
shop.html
<html>
<head><title>shopping cart by Myntra</title>
</head>
<body bgcolor="cyan">
<center><h1>
Shopping Cart</h1></center>
<br><br><br><br><br>
<table align="center">
<tr>
<td>Clothes</td>
<td>
<select >
<optgroup label="select the types of clothes you want">
<option value="Formal`">Formal
<option value="Informal">Informal
<option value="Hoodie">Hoodie
<option value="Hats">Hats
<option value="Shoes">Shoes
<option value="jackets">jackets
</optgroup>
</select>
</td></tr>
<tr>
<td>
Quantity</td>
<td>
<input type="text" id="q">
</td></tr>
<tr>
<td></td>
<td>
<form method=post action="pay.html">
<input type="submit" value=ok />
</form>
</td></tr>
</table>
<center>
<pre>Cost of one Clothes start as has least as ~100 + shipping "Based on your location"</pre>
</center>
<body>
</html>
user.css
.form-grid {
display: grid;
grid-template-columns: 1fr 1fr;
grid-gap: 10px;
}

```

```
.dresses-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}
```

```
.dress {
  width: 300px;
  margin: 10px;
  text-align: center;
}
```

```
.dress img {
  max-width: 100%;
}
```

```
userpro.html
<!DOCTYPE html>
<html>
<head>
  <title>Myntra Registration</title>
  <link rel="stylesheet" href="user.css"
</head>
<body bgcolor="#FFB6C1">
<center>
<h1>Myntra Registration</h1>
  <div class="form-grid">
    <form>
      <label for="name">Name:</label>
      <input type="text" id="name" name="name"><br>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email"><br>

      <label for="phone">Phone:</label>
      <input type="tel" id="phone" name="phone"><br>

      <label for="address">Address:</label>
      <textarea id="address" name="address"></textarea><br>

      <input type="submit" value="Submit">
    </form>
  </div>
</center>
</body>
</html>
```

```
css1.html
<html>

<head>
  <style type="text/css">
    body {
      background-image: url('logo.png');
      background-repeat: no-repeat;
      background-position: center center;
      background-attachment: fixed;
      background-image: url("logo.png");
    }
  </style>
</head>
```

```

a:link {
    text-decoration: none;
    color: rgb(149, 49, 199);
}

a:visited {
    text-decoration: none;
    color: red;
}

a:hover {
    text-decoration: underline;
    color: rgb(27, 27, 154);
}

a:active {
    text-decoration: underline;
    color: rgb(90, 12, 90);
}

h3 {
    color: rgb(8, 12, 8);
}

.c1 {
    cursor: crosshair
}

.c2 {
    cursor: pointer
}

.c3 {
    cursor: move
}

.c4 {
    cursor: text
}

.c5 {
    cursor: wait
}

.c6 {
    cursor: help
}
</style>
<link rel="stylesheet" type="text/css" href="style.css">
</head>

<body bgcolor="cyan">
    <h1 style="color:rgb(23, 23, 97);text-align:center;"> CSS (Inline, Internal and External) </h1>
    <p>This Paragraph is a Not Styled</p>
    <p class="left">This Paragraph is Styled by class "Left"</p>
    <p class="center">This Paragraph is Styled by class "Center"</p>
    <p class="right">This Paragraph is Styled by class "Right"</p>

```

```

<b>This is normal Bold</b> <br>
<b id="headline">This Bold Text is Styled </b>
<h2><b><a href=" ">This is a link</a></b></h2>
<h3 class="c1">The cursor over this element is plus sign</h3>
<h3 class="c2">The cursor over this element is a pointing hand</h3>
<h3 class="c3"> The cursor over this element is a I bar</h3>
<h3 class="c4">The cursor over this element is a grasping hand</h3>
<h3 class="c5">The cursor over this element is a wait</h3>
<h3 class="c6">The cursor over this element is a question mark</h3>

```

```

</html>

```

styles.css

```

p.left {
    text-align: left;
    color: blue;
    font-family: Cambria;
    font-size: large;
    text-indent: 20px;
}

p.center {
    text-align: center;
    text-decoration: underline;
    text-transform: uppercase;
    letter-spacing: -3px;
    word-spacing: 20px;
    font-size: larger;
}

p.right {
    text-align: right;
    color: red;
    font-family: Tahoma;
    font-size: 15pt;
    text-decoration: overline;
    font-style: italic;
}

```

```

b#headline {
    color: rgb(215, 39, 171);
    font-size: 22px;
    font-family: arial;
    text-decoration: underline;
}

```

date.html

```

<!DOCTYPE html>
<html>
<head>
    <title>Display Date</title>
    <script>
        function displayDate() {
            var currentDate = new Date();
            var formattedDate = currentDate.toDateString();
            document.getElementById("frmDater").value = formattedDate;
        }
    </script>
</head>

```

```

<body>
  <center>
    <h1>Display Date</h1>
    <button onclick="displayDate()">Date</button>
    <input type="text" id="frmDater">
  </center>
</body>
</html>

```

Fact.html

```

<!DOCTYPE html>
<html>
<head>
  <title>Factorial</title>
  <script>
    function calculateFactorial() {
      var num = prompt('Enter a number:');
      var result = 1;

      for (var i = 1; i <= num; i++) {
        result *= i;
      }

      alert('Factorial of ' + num + ' is ' + result);
    }
  </script>
</head>
<body>
  <h1>Factorial</h1>

  <button onclick="calculateFactorial()">Calculate Factorial</button>
</body>
</html>

```

table.html

```

<!DOCTYPE html>
<html>
<head>
  <title>Multiplication Table</title>
  <script>
    function displayMultiplicationTable() {
      var num = prompt('Enter a number:');
      var table = "";

      for (var i = 1; i <= 10; i++) {
        var result = num * i;
        table += num + ' x ' + i + ' = ' + result + '\n';
      }

      alert(table);
    }
  </script>
</head>
<body>
  <h1>Multiplication Table</h1>

  <button onclick="displayMultiplicationTable()">Display Multiplication Table</button>
</body>
</html>

```

sumofnum.html

```

<!DOCTYPE html>
<html>
<head>
<title>Sum of Numbers</title>
<script>
function calculateSum() {
    var num = prompt('Enter a number:');
    Number(num)
    for(i=1;i<=num;i++){
        var num2 = prompt("Enter number");
        Number(num2)
        Number(num3)
        var num3 = num2 + num3;
    }
    alert(num3)
}
</script>
</head>
<body>
<h1>Sum of Numbers</h1>

<button onclick="calculateSum()">Calculate Sum</button>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Registration Form</title>
<script>
function validateForm() {
    var fname = document.forms["rform"]["fname"].value;
    var lname = document.forms["rform"]["lname"].value;
    var email = document.forms["rform"]["email"].value;
    var phno = document.forms["rform"]["phno"].value;
    var addr = document.forms["rform"]["addr"].value;

    if (fname.length < 6) {
        alert("First Name should be at least 6 characters long");
        return false;
    }

    if (lname === "") {
        alert("Last Name cannot be empty");
        return false;
    }

    if (email === "" || !validateEmail(email)) {
        alert("Invalid Email");
        return false;
    }

    if (phno.length !== 10 || isNaN(phno)) {
        alert("Mobile Number should be a 10-digit number");
        return false;
    }
}

```

```

        if (addr === "") {
            alert("Address cannot be empty");
            return false;
        }

        return true;
    }

    function validateEmail(email) {
        var emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
        return emailRegex.test(email);
    }
</script>
</head>
<body>
    <center>
        <form name="rform" onsubmit="return validateForm()">
            <label>First Name <input type="text" name="fname"> </label><br>
            <label>Last Name <input type="text" name="lname"> </label><br>
            <label>Email <input type="email" name="email"> </label><br>
            <label>Phone Number <input type="tel" name="phno"> </label><br>
            <label>Address <input type="text" name="addr"> </label><br>
            <input type="submit" value="Register">
        </form>
    </center>
</body>
</html>
SET 7

```

## Set7.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE book SYSTEM "set7.dtd">
<book>
    <item>
        <title words="3">DS</title>
        <author>MANA</author>
        <isbn>106462</isbn>
        <publisher>jgh</publisher>
        <edition>2</edition>
        <price>500</price>
    </item>
    <item>
        <title words="3">DS</title>
        <author>MANA</author>
        <isbn>106462</isbn>
    </item>
    <item>
        <title words="3">DS</title>
        <author>MANA</author>
        <isbn>106462</isbn>
    </item>
</book>

```

## Set7.dtd

```
<!ELEMENT book (item)+>
<!ELEMENT item (title, author, isbn)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
<!ATTLIST title words #IMPLIED>
SET-8
```

Set8.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE movies SYSTEM "movie.dtd">
<movies>
  <movie>
    <title release="2020">abcd</title>
    <hero multi="false" age="25">Bharath</hero>
    <director mcount="1">Rakesh</director>
    <genre type="Entertainer">comedy</genre>
  </movie>
</movies>
```

Set8.dtd

```
<!ELEMENT movies (movie)+>
<!ELEMENT movie (title,hero,director,genre)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT hero (#PCDATA)>
<!ELEMENT director (#PCDATA)>
<!ELEMENT genre (#PCDATA)>
<!ATTLIST title release CDATA "2019">
<!ATTLIST hero
  multi CDATA "false"
  age CDATA #IMPLIED
>
<!ATTLIST director mcount CDATA #REQUIRED>
<!ATTLIST genre type CDATA #FIXED "Entertainer">
Simlalry not exact
```

set8.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE movies SYSTEM "movie.dtd">
<movies>
  <movie>
    <title release="2020">abcd</title>
    <hero multi="false" age="25">Bharath</hero>
    <director mcount="1">Rakesh</director>
    <genre type="Entertainer">comedy</genre>
  </movie>
</movies>
```

Set8.dtd

```
<!ELEMENT movies (movie)+>
<!ELEMENT movie (title,hero,director,genre)>
```



```
<!ELEMENT title (#PCDATA)>
<!ELEMENT hero (#PCDATA)>
<!ELEMENT director (#PCDATA)>
<!ELEMENT genre (#PCDATA)>
<!ATTLIST title release CDATA "2019">
<!ATTLIST hero
    multi CDATA "false"
    age CDATA #IMPLIED
>
<!ATTLIST director mcount CDATA #REQUIRED>
<!ATTLIST genre type CDATA #FIXED "Entertainer">
```