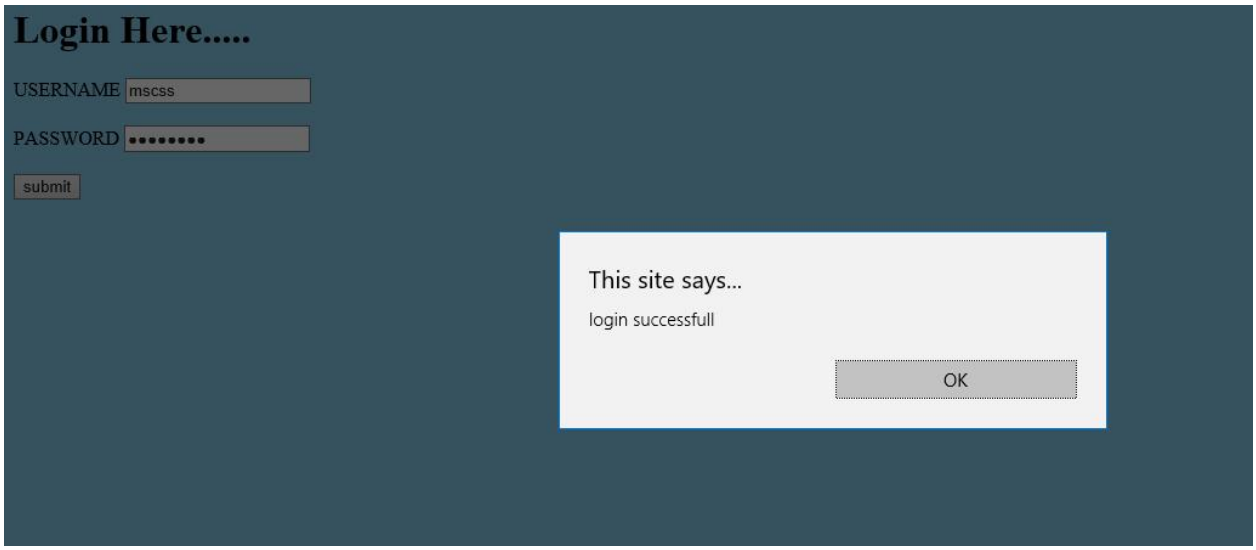
CODING:

```
<!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>Document</title>
</head>
<body bgcolor=”skyblue”>
   <form action="#">
      <h1>Login Here.....</h1>
       USERNAME <input type="text" id="name" placeholder="Enter Your
Username"><br><br>
       PASSWORD <input type="password" id="pass" placeholder="Enter your
Password"><br><br>
       <input type="button" id="submit" value="submit">
    </form>
    <script>
      let btn=document.querySelector("#submit")
      btn.addEventListener("click",function(){
      let fname=document.getElementById("name").value
      let fpass=document.getElementById("pass").value
      if(fname=="" || fpass=="")
      {
         alert("enter the value")
      }
      else{
         alert("login successfull")
      }
      })
    </script>
</body>
</html>
```

OUTPUT:



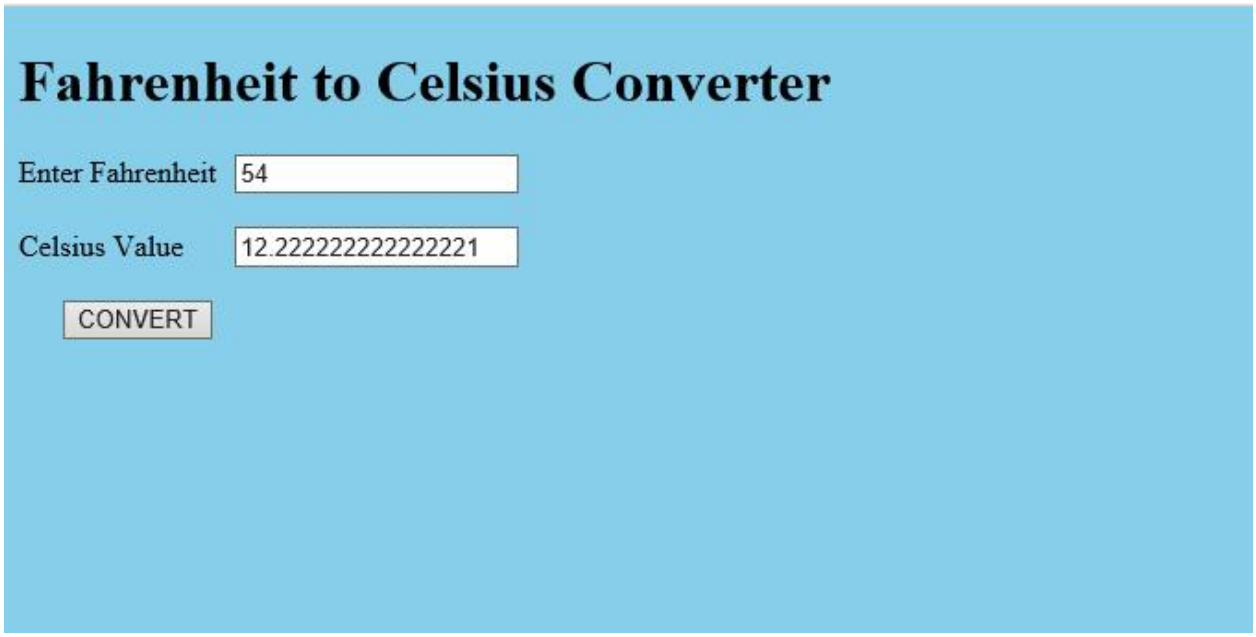
RESULT:

The above program is executed and its output is verified successfully.

CODING:

```
<!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>Document</title>
</head>
<style>
    input{
        margin-left: 1.5rem;
    }
    input:nth-child(2){
        margin-left: .4rem;
    }
</style>
<body bgcolor=”skyblue”>
    <h1>Fahrenheit to Celsius Converter</h1>
    Enter Fahrenheit <input type="number" id="fah"><br><br>
    Celsius Value    <input type="number" id="cel"  readonly><br><br>
    <input type="submit" id="btn" value="CONVERT">
    <script>
        let bt=document.querySelector("#btn")
        bt.addEventListener("click",function(){
        let fa=document.getElementById("fah").value
       let ce=(fa-32)*5/9
       document.getElementById("cel").value = ce
        })
    </script>
</body>
</html>
```

OUTPUT:



RESULT:

The above program is executed and its output is verified successfully.

CODING:

```
<!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>CurrencyConvertion</title>
</head>
<body bgcolor="lightgreen">
<h1>CURRENCY CONVERSION</h1><br><br>
<input type="text" id="user-inp" placeholder="Enter currency"><br><br>
FROM  <select name="options" id="user-opt">
<option value="#"></option>
<option value="USA">USA</option>
<option value="IND">IND</option>
<option value="PAK">PAK</option>
</select>
TO  <select name="options" id="user-sel">
<option value="#"></option>
<option value="USA">USA</option>
<option value="IND">IND</option>
<option value="PAK">PAK</option>
```

```
</select><br><br>
<button id="submit">Convert</button>
<button id="reload">Reset</button><br>
<h2>CONVERTED AMOUNT</h2>
<input type="text" id="user-out" readonly><br><br>
</div>

<script>
let btn = document.getElementById("submit")
let btn_relod = document.getElementById("reload")
btn.addEventListener("click",()=>{
let userOpt = document.getElementById("user-opt")
let user_opt = userOpt.options[userOpt.selectedIndex]
let userSel = document.getElementById("user-sel")
let user_sel = userSel.options[userSel.selectedIndex]
let user_input = document.getElementById("user-inp")
let user_output = document.getElementById("user-out")

if(user_opt.text=="USA" && user_sel.text=="IND"){
let convertor = user_input.value*81.68
user_output.value = convertor.toFixed(4)
}
else if(user_opt.text=="USA" && user_sel.text=="PAK"){
```

```
let convertor = user_input.value*221.40
user_output.value = convertor.toFixed(4)
}
else if(user_opt.text=="IND" && user_sel.text=="USA"){
let convertor = user_input.value/81.68
user_output.value = convertor.toFixed(4)
}
else if(user_opt.text=="IND" && user_sel.text=="PAK"){
let convertor = user_input.value*2.70
user_output.value = convertor.toFixed(4)
}
else if(user_opt.text=="PAK" && user_sel.text=="USA"){
let convertor = user_input.value/221.40
user_output.value = convertor.toFixed(4)
}
else if(user_opt.text=="PAK" && user_sel.text=="IND"){
let convertor = user_input.value/2.70
user_output.value = convertor.toFixed(4)
}
})
btn_relod.addEventListener("click",()=>{
location.reload()
})
```

```
</script>
</body>
</html>
```

OUTPUT:

RESULT:

The above program is executed and its output is verified successfully.

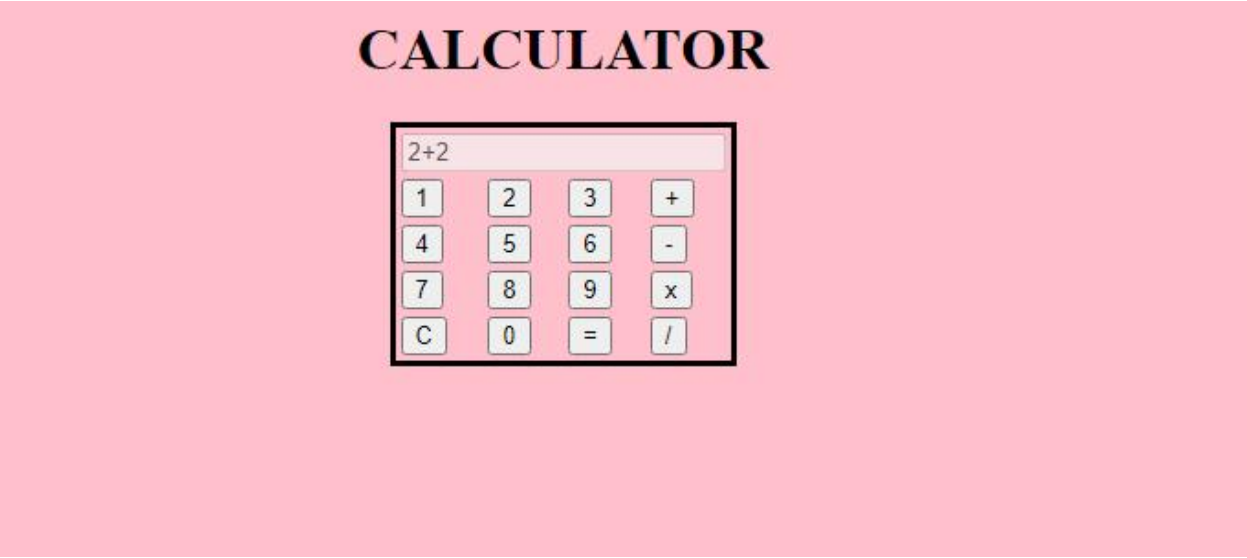
CODING:

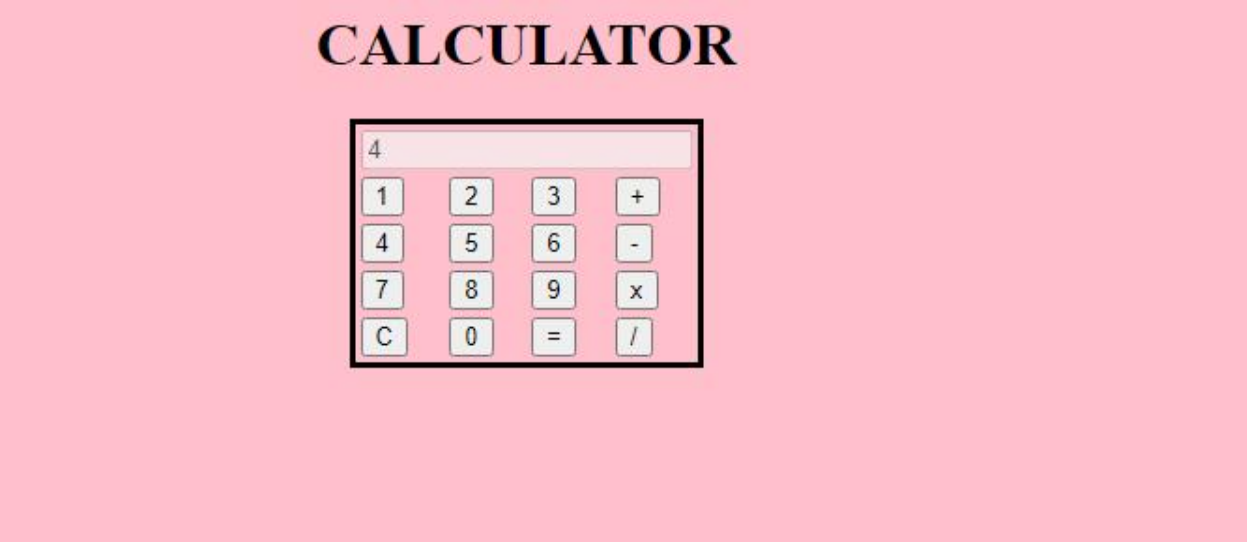
```
<html>
<head>
<body bgcolor="pink">
<style>
table{
border: solid;
}
</style><center>
<h1 stye=font-family:"arial">CALCULATOR</h1>
<form name="calculator">
<table>
<tr>
<td colspan="4">
<input type="text" name="display" id="display" disabled>
</td>
</tr>
<tr>
<td><input type="button" name="one" value="1"
onclick="calculator.display.value+='1'"></td>
<td><input type="button" name="two" value="2"
onclick="calculator.display.value+='2'"></td>
<td><input type="button" name="three" value="3"
```

```
onclick="calculator.display.value+='3'"></td>
<td><input type="button" class="operator" name="plus" value="+"
onclick="calculator.display.value+='+'"></td>
</tr>
<tr>
<td><input type="button" name="four" value="4"
onclick="calculator.display.value+='4'"></td>
<td><input type="button" name="five" value="5"
onclick="calculator.display.value+='5'"></td>
<td><input type="button" name="six" value="6"
onclick="calculator.display.value+='6'"></td>
<td><input type="button" class="operator" name="minus" value="-"
onclick="calculator.display.value+='-'"></td>
</tr>
<tr>
<td><input type="button" name="seven" value="7"
onclick="calculator.display.value+='7'"></td>
<td><input type="button" name="eight" value="8"
onclick="calculator.display.value+='8'"></td>
<td><input type="button" name="nine" value="9"
onclick="calculator.display.value+='9'"></td>
<td><input type="button" class="operator" name="times" value="x"
onclick="calculator.display.value+='*'"></td>
```

```
</tr>
<tr>
<td><input type="reset" id="clear" name="clear" value="C"
></td>
<td><input type="button" name="zero" value="0"
onclick="calculator.display.value+='0'"></td>
<td><input type="button" name="do it" value="="
onclick="calculator.display.value=eval(calculator.display.value)"></td>
<td><input type="button" class="operator" name="div" value="/"
onclick="calculator.display.value+='/'"></td>
</tr>
</table>
</form></center>
</body>
</head>
</html>
```

OUTPUT:





RESULT:

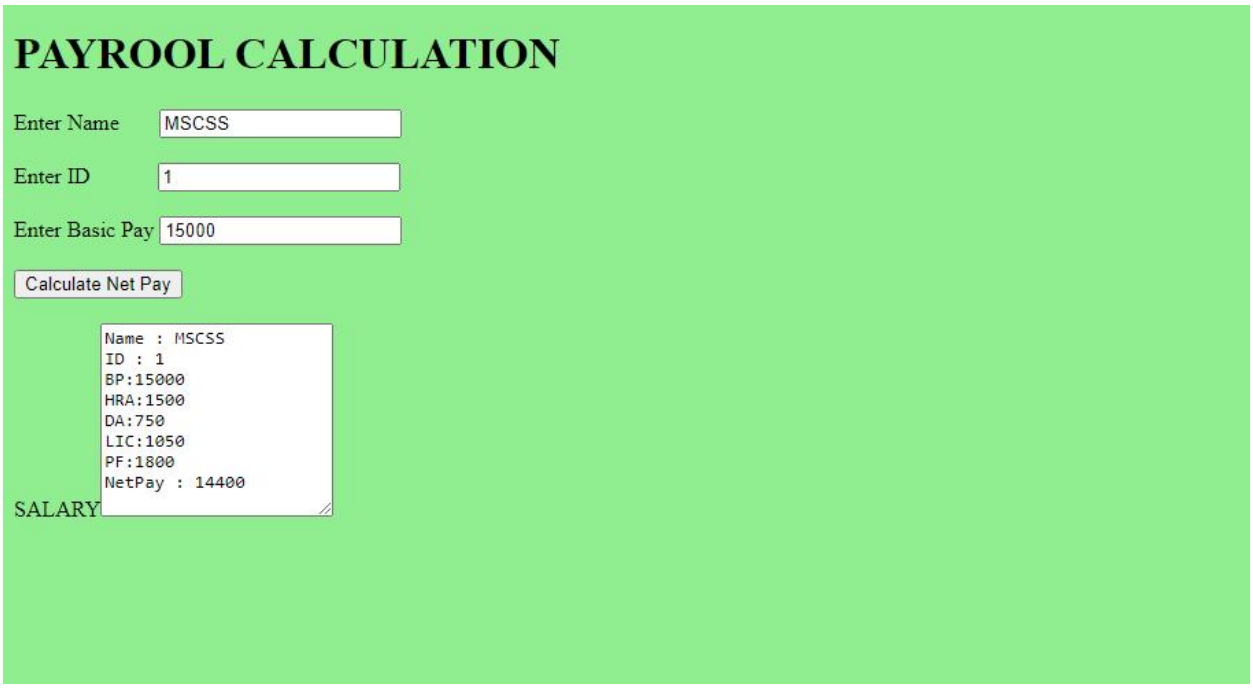
The above program is executed and its output is verified successfully.

CODING:

```
<!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>Document</title>
</head>
<body bgcolor="lightgreen">
<style>
#name{
margin-left: 25px;
}
#id{
margin-left: 45px;
}
</style>
<h1>PAYROOL CALCULATION</h1>
Enter Name       <input type="text" id="name" placeholder="Enter Name"><br><br>
Enter ID         <input type="number" id="id" placeholder="Enter ID"><br><br>
```

```
Enter Basic Pay  <input type="number" id="basic" placeholder="Enter Basic Pay"><br><br>

<input type="button" id="net" value="Calculate Net Pay" onclick="calculate()"><br><br>

SALARY<textarea cols="20" rows="9" id="sal"></textarea>

<script>

function calculate(){

var name =document.getElementById("name").value;

var eid = document.getElementById("id").value;

var bp = parseFloat(document.getElementById("basic").value);

var hra = bp*10/100;

var da = bp*5/100;

var lic = bp*7/100;

var pf = bp*12/100;

var net=document.getElementById("sal");

let salary=bp+hra+da-lic-pf;

net.innerHTML='Name : '+name+'\nID : '+eid+'\nBP:'+bp+'\nHRA:'+hra+'\nDA:'+da+'\nLIC:'+lic+'\nPF:'+pf+'\nNetPay : '+salary;

}

</script>

</body>

</html>
```

OUTPUT:



RESULT:

The above program is executed and its output is verified successfully.

CODING:

File.xml

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="style.xsl"?>
<addresses>
<address>
<name>messi</name>
<doorno>3/12a</doorno>
<street>Koniayamman Kovil street</street>
<town>Kuniamuthur</town>
<district>Coimbatore</district>
<state>Tamilnadu</state>
<pincode>641002</pincode>
</address>
<address>
<name>ronaldo</name>
<doorno>#34-2</doorno>
<street>Vinayagar street</street>
<town>Sundarapuram</town>
<district>Coimbatore</district>
<state>Tamilnadu</state>
<pincode>641002</pincode>
</address>
```

```
</addresses>
```

Style.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 align="center">Address Details</h1>
<table border="3" align="center" >
<tr bgcolor="#FF00FF">
<th>Name</th>
<th>Doorno</th>
<th>Street</th>
<th>Town</th>
<th>District</th>
<th>State</th>
<th>Pincode</th>
</tr>
<xsl:for-each select="addresses/address">
<tr bgcolor="#9acd32">
<td><xsl:value-of select="name"/></td>
```

```
<td><xsl:value-of select="doorno"/></td>
<td><xsl:value-of select="street"/></td>
<td><xsl:value-of select="town"/></td>
<td><xsl:value-of select="district"/></td>
<td><xsl:value-of select="state"/></td>
<td><xsl:value-of select="pincode"/></td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

OUTPUT:

Address Details

Name	Doorno	Street	Town	District	State	Pincode
messi	3/12a	Koniayamman Kovil street	Kuniamuthur	Coimbatore	Tamilnadu	641002
ronaldo	#34-2	Vinayagar street	Sundarapuram	Coimbatore	Tamilnadu	641002

RESULT:

The above program is executed and its output is verified successfully.

CODING:

Book.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="prg7.css"?>
<books>
<heading>BOOK INFORMATION USING CSS </heading>
<book>
<title>Title -: Web Programming</title>
<author>Author -: Chrisbates</author>
<publisher>Publisher -: Wiley</publisher>
<edition>Edition -: 3</edition>
<price> Price -: 300</price>
</book>
<book>
<title>Title -: Internet world-wide-web</title>
<author>Author -: Ditel</author>
<publisher>Publisher -: Pearson</publisher>
<edition>Edition -: 3</edition>
<price>Price -: 400</price>
</book>
<book>
<title>Title -: Computer Networks</title>
<author>Author -: Foruouzan</author>
```

<publisher>Publisher -: Mc Graw Hill</publisher>

<edition>Edition -: 5</edition>

<price>Price -: 700</price>

</book>

<book>

<title>Title -: DBMS Concepts</title>

<author>Author -: Navath</author>

<publisher>Publisher -: Oxford</publisher>

<edition>Edition -: 5</edition>

<price>Price -: 600</price>

</book>

<book>

<title>Title -: Linux Programming</title>

<author>Author -: Subhitab Das</author>

<publisher>Publisher -: Oxford</publisher>

<edition>Edition -: 8</edition>

<price>Price -: 300</price>

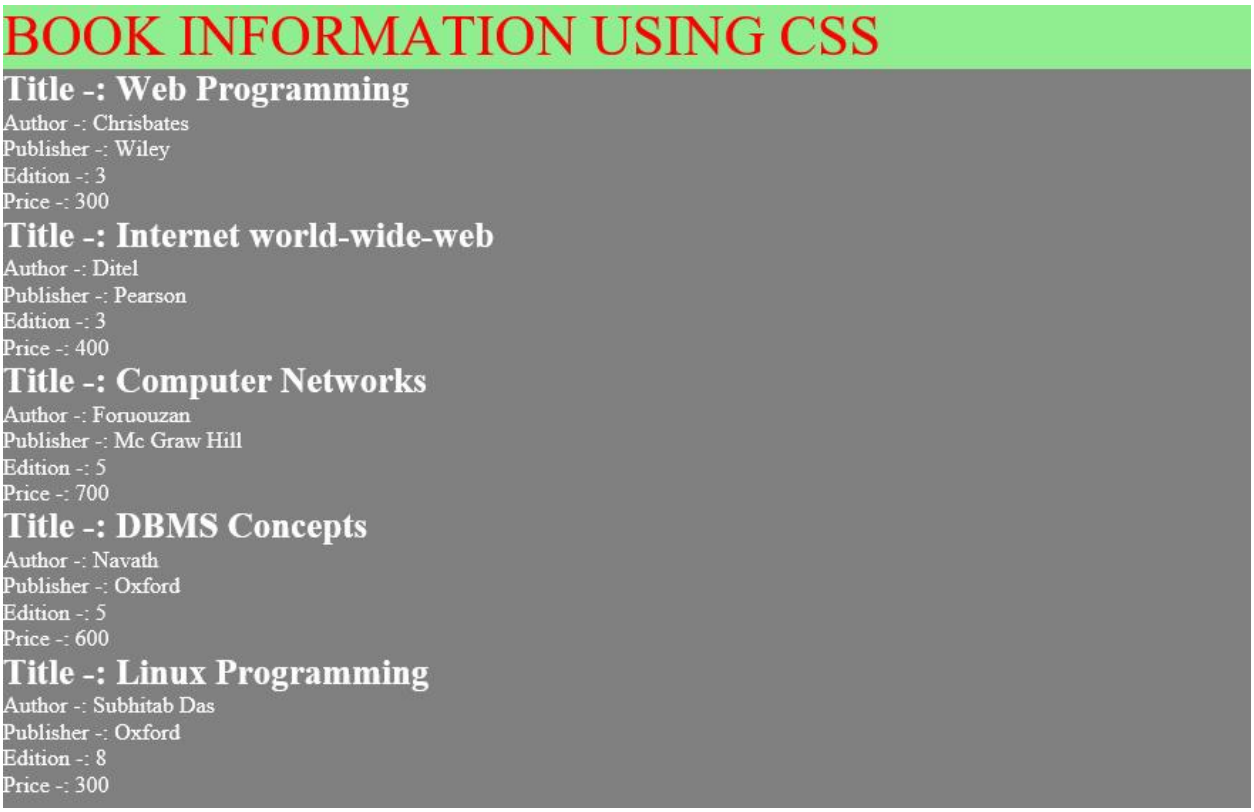
</book>

</books>

Prg7.CSS:

```
books {
color: white;
background-color : grey;
width: 100%;
}
heading {
color: red;
font-size : 40px;
background-color : lightgreen;
}
heading, title, author, publisher, edition, price {
display : block;
}
title {
font-size : 25px;
font-weight : bold;
}
```

OUTPUT:



RESULT:

The above program is executed and its output is verified successfully.

CODING:

XML:

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/css" href="prg8.css"?>
<!DOCTYPE book SYSTEM "book.dtd">
<book>
<heading>BOOK INFORMATION USING DTD</heading>
<CD>
<TITLE>Empire Burlesque</TITLE>
<ARTIST>Bob Dylan</ARTIST>
<COUNTRY>USA</COUNTRY>
<COMPANY>Columbia</COMPANY>
<PRICE>10.90</PRICE>
<YEAR>1985</YEAR>
</CD>
<CD>
<TITLE>Hide your heart</TITLE>
<ARTIST>Bonnie Tyler</ARTIST>
<COUNTRY>UK</COUNTRY>
<COMPANY>CBS Records</COMPANY>
<PRICE>9.90</PRICE>
<YEAR>1988</YEAR>
</CD>
```

<CD>

<TITLE>Greatest Hits</TITLE>

<ARTIST>Dolly Parton</ARTIST>

<COUNTRY>USA</COUNTRY>

<COMPANY>RCA</COMPANY>

<PRICE>9.90</PRICE>

<YEAR>1982</YEAR>

</CD>

</book>

Book.dtd:

<!ELEMENT book (CD,TITLE,ARTIST,COUNTRY,PRICE,YEAR)>

<!ELEMENT CD (#PCDATA)>

<!ELEMENT TITLE (#PCDATA)>

<!ELEMENT ARTIST (#PCDATA)>

<!ELEMENT COUNTRY (#PCDATA)>

<!ELEMENT PRICE (#PCDATA)>

<!ELEMENT YEAR (#PCDATA)>

Prg8.CSS:

book

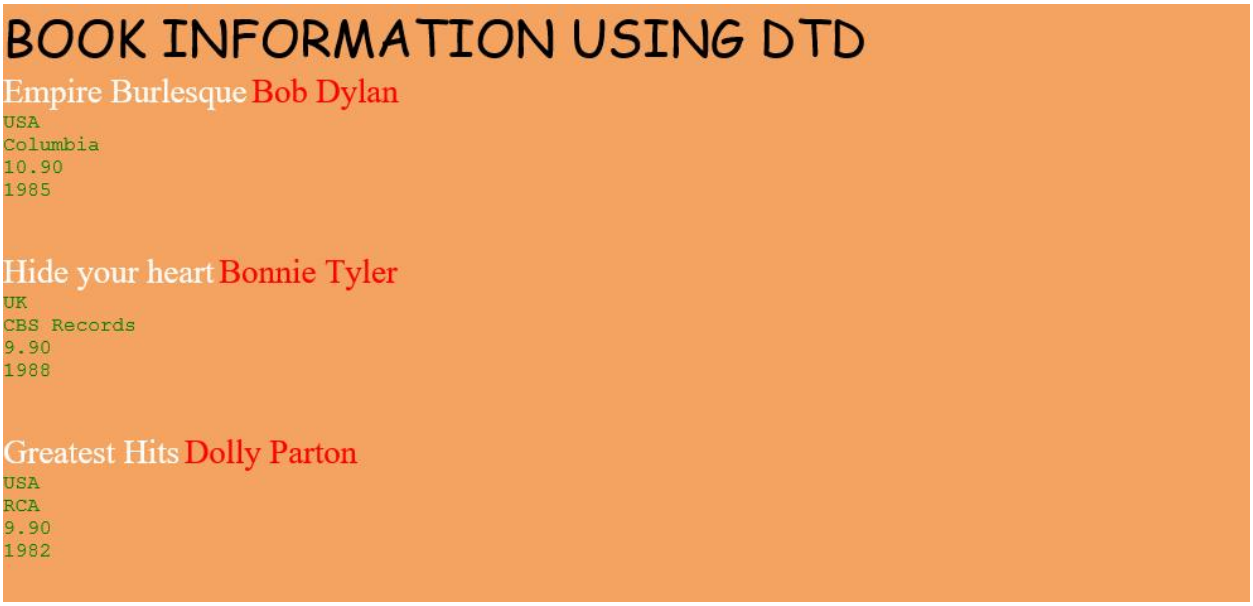
{

background-color: SandyBrown;

```
width: 100%;
}
body
{
color:GREEN;
margin-left:20pt;
}
CD
{
display: block;
margin-bottom: 30pt;
margin-left: 0;
}
TITLE
{
color: white;
font-size: 20pt;
}
ARTIST
{
color: red;
font-size: 20pt;
font-family:"Monotype Corsiva";
```

```
}
COUNTRY,PRICE,YEAR,COMPANY
{
display: block;
color: GREEN;
margin-left: 20pt;
font-family:"Courier New"
}
heading
{
font-size:30pt;
text-align:"center";
font-family:"Comic Sans MS"
}
```

OUTPUT:



RESULT:

The above program is executed and its output is verified successfully.

CODING:

XML:

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/css" href="prg9.css"?>
<books xmlns:xsi="http:www.w3.org/2001/xmlschema-instance"
xsi:noNamespaceSchemaLocation="books.xsd">
<heading>BOOK INFORMATION USING SCHEMA ELEMENT</heading>
<book>
 <title>Web program</title>
  <author>Chirs bates</author>
  <isbn>81-265</isbn>
  <publisher>Wiley</publisher>
  <edition>Second</edition>
  <price>300</price>
</book>
<book>
 <title>Java server page</title>
 <author>Hans bergsten</author>
 <isbn>81-265</isbn>
 <publisher>O'Relilly</publisher>
 <edition>Second</edition>
 <price>200</price>
</book>
```

```
<book>
<title>C++</title>
<author>Balaguruswamy</author>
<isbn>81-695</isbn>
<publisher>Tata</publisher>
<edition>Second</edition>
<price>400</price>
</book>
</books>
```

Books.XSD:

```
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:element name="books">
<xs:complexType>
<xs:sequence>
<xs:element name="book" minOccurs="1" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="book">
<xs:complexType>
<xs:sequence>
```

```
<xs:element ref="title" minOccurs="1" maxOccurs="1"/>
<xs:element ref="auther" minOccurs="1" maxOccurs="1"/>
<xs:element ref="isbn" minOccurs="1" maxOccurs="1"/>
<xs:element ref="publisher" minOccurs="1" maxOccurs="1"/>
<xs:element ref="edition" minOccurs="1" maxOccurs="1"/>
<xs:element ref="price" type="xs:string" minOccurs="1" maxOccurs="1"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="title" type="xs.string"/>
<xs:element name="auther" 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.string"/>
</xs:schema>
```

Prg9.CSS:

```
books
{
        background-color: lightgreen;
}
```

```
author, publisher, edition, isbn, price
{
display:block;
color:blue;
font-size:20px;
margin-left:20px;
}
heading
{
font-size:40px;
}
title
{
display:block;
font-size:30px;
color:red;
}
```

OUTPUT:

BOOK INFORMATION USING SCHEMA ELEMENT

Web program

Chirs bates
81-265
Wiley
Second
300

Java server page

Hans bergsten
81-265
O'Relilly
Second
200

C++

Balaguruswamy
81-695
Tata
Second
400

RESULT:

The above program is executed and its output is verified successfully.

CODING:

XML:

```
<?xml version="1.0" encoding="UTF-8"?>

<?xml-stylesheet type="text/css" href="prg10.css"?>

<curriculum name="resume" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:noNamespaceSchemaLocation="prg10.xsd">

<title1>RESUME</title1>

<personaldetails>

<title>PERSONAL DETAILS</title>

<name>NAME: MSCSS</name>

<address>ADDRESS:Coimbatore</address>

<phno>PHONE NUMBER:9987456320</phno>

</personaldetails>

<candidatedetails>

<title>CANDIDATE DETAILS</title>

<collegename>COLLEGE NAME:SKASC</collegename>

<qualification>QUALIFICATION:M.Sc Software Systems</qualification>

<cgpa>CGPA:8.4</cgpa>

<schoolname>SCHOOLNAME:SSVM Institutions</schoolname>

<board>BOARD:CBSE</board>

<sslc>SSLC PERCENTAGE:93%</sslc>

<hsc>HSC PERCENTAGE:92%</hsc>
```

```
</candidatedetails>
<progskills>
<title>OTHER SKILLS</title>
<prg>PROGRAMMING SKILLS: HTML,C,C++,JAVA,PYTHON</prg>
<certificate>CERTIFIED BY: NPTEL</certificate>
</progskills>
</resume>
```

Prg10.CSS:

```
*{
background-color:aqua;
}
title1
{
display:block;
font-size:28pt;
color:red;
margin-left: 130pt;
}
title
{
display:block;
font-size:28pt;
```

```
color:green;
margin-left: 80pt;
}
name
{
display:block;
color:red;
font-size:24pt;
}
address,phno
{
display:block;
color:purple;
font-size:20pt;
margin-left:20pt;
}
collegename,qualification,cgpa,board,sslc,hsc,schoolname
{
display:block;
margin-left:20pt;
color:purple;
font-size:20pt;
font-family:"monotype corsiva";
```

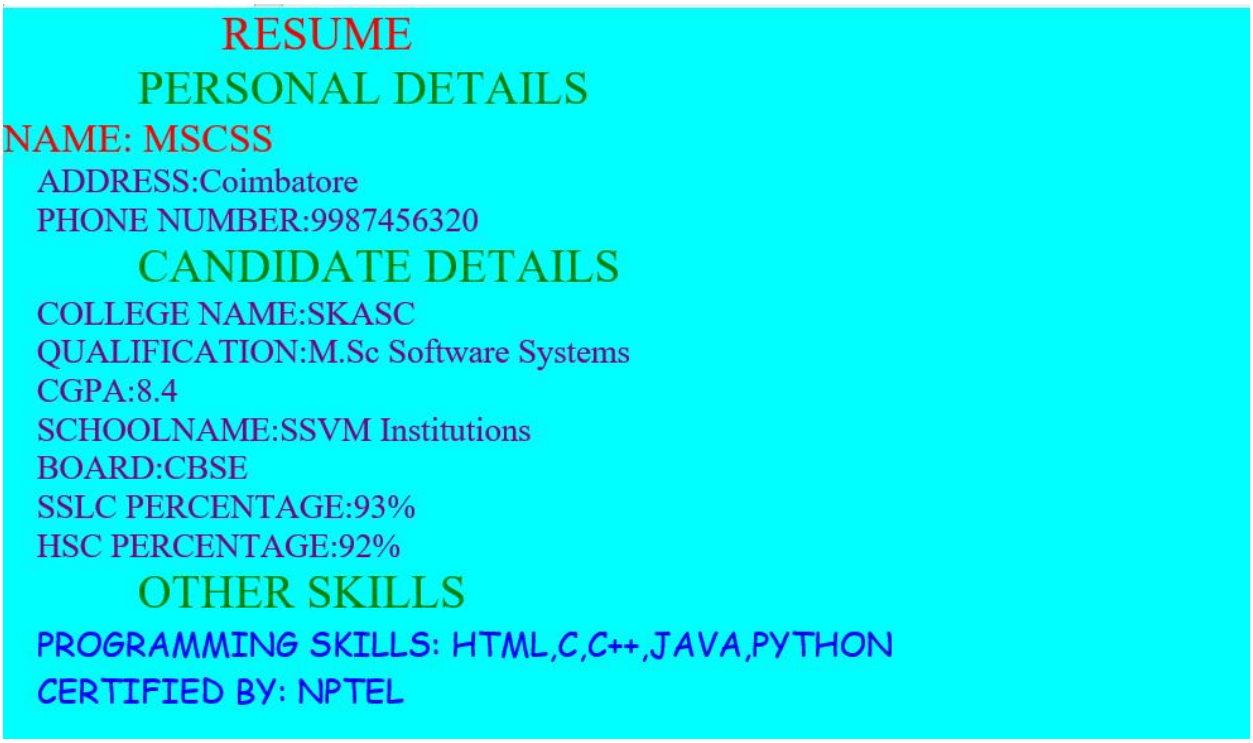
```
}
prg,certificate
{
display:block;
margin-left:20pt;
font-size:20pt;
color:blue;
font-family:"comic sans ms";
}
```

Prg10.XSD:

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:element
name="resume">
<xs:complexType>
<xs:sequence>
<xs:element name="curriculum">
<xs:complexType> <xs:sequence>
<xs:element name="resume">
<xs:complexType>
<xs:sequence>
<xs:element name="name" type="xs:string"/>
<xs:element name="address" type="xs:string"/>
```

```
<xs:element name="phno" type="xs:positiveInteger"/>
<xs:element name="collegename" type="xs:string"/>
<xs:element name="qualification" type="xs:string"/>
<xs:element name="cgpa" type="xs:positiveInteger"/>
<xs:element name="board" type="xs:string"/>
<xs:element name="schoolname" type="xs:positiveInteger"/>
<xs:element name="hsc" type="xs:positiveInteger"/>
<xs:element name="sslc" type="xs:positiveInteger"/>
<xs:element name="certificate" type="xs:string"/>
<xs:element name="prg" type="xs:string"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

OUTPUT:



RESULT:

The above program is executed and its output is verified successfully.

CODING:

XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="prg11.xsl"?>
<catalog>
<student>
<name>SURYA</name>
<rollno>1</rollno>
<address>Sabapathi Street</address>
<emailid>abc@gmail.com</emailid>
<fathername>Ram</fathername>
</student>
<student>
<name>VIRAT</name>
<rollno>2</rollno>
<address>Nerhu Street</address>
<emailid>xyz@gmail.com</emailid>
<fathername>krishna</fathername>
</student>
<student>
<name>RAHUL</name>
<rollno>18</rollno>
<address>Thillai Street</address>
```

<emailid>cde@gmail.com</emailid>

<fathername>bala</fathername>

</student>

<student>

<name>ROHITH</name>

<rollno>24</rollno>

<address>Gandhi Street</address>

<emailid>abc01@gmail.com</emailid>

<fathername>Akil</fathername>

</student>

<student>

<name>ASHWIN</name>

<rollno>44</rollno>

<address>subash Street</address>

<emailid>abc02@gmail.com</emailid>

<fathername>Akil</fathername>

</student>

</catalog>

Prg11.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 bgcolor="white">
<h2 align="center">STUDENT DETAILS</h2>
<table border="2" align="center" bgcolor="aqua"> <tr>
<th>Name</th>
<th>Rollno</th>
<th>Address</th>
<th>Emailid</th>
<th>Fathername</th>
</tr>
<xsl:for-each select="catalog/student">
<tr>
<td><xsl:value-of select="name"/></td>
<td><xsl:value-of select="rollno"/></td>
<td><xsl:value-of select="address"/></td>
<td><xsl:value-of select="emailid"/></td>
<td><xsl:value-of select="fathername"/></td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
```

```
</xsl:template>

</xsl:stylesheet>
```

OUTPUT:

STUDENT DETAILS

Name	Rollno	Address	Emailid	Fathername
SURYA	1	Sabapathi Street	abc@gmail.com	Ram
VIRAT	2	Nerhu Street	xyz@gmail.com	krishna
RAHUL	18	Thillai Street	cde@gmail.com	bala
ROHITH	24	Gandhi Street	abc01@gmail.com	Akil
ASHWIN	44	subash Street	abc02@gmail.com	Akil

RESULT:

The above program is executed and its output is verified successfully.

CODING:

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="prg12.xsl"?>
<mark>
<detail>
<name>surya</name>
<rollno>01</rollno>
<m1>90</m1>
<m2>80</m2>
<m3>97</m3>
<total>267</total>
<average>89</average>
</detail>
<detail>
<name>virat</name>
<rollno>02</rollno>
<m1>99</m1>
<m2>88</m2>
<m3>95</m3>
<total>282</total>
<average>94</average>
</detail>
<detail>
```

<name>rohith</name>

<rollno>03</rollno>

<m1>90</m1>

<m2>80</m2>

<m3>99</m3>

<total>269</total>

<average>89</average>

</detail>

<detail>

<name>ashwin</name>

<rollno>04</rollno>

<m1>99</m1>

<m2>88</m2>

<m3>95</m3>

<total>282</total>

<average>94</average>

</detail>

<detail>

<name>vijay</name>

<rollno>05</rollno>

<m1>90</m1>

<m2>80</m2>

<m3>99</m3>

<total>269</total>

<average>89</average>

</detail>

</mark>

Prg12.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 bgcolor="lightpink">

<h2 align="center"> MARK STATEMENT</h2>

<table border="/" align="center">

<tr bgcolor="violet">

<th> NAME </th>

<th> ROLLNO</th>

<th> PYTHON </th>

<th> JAVA </th>

<th> WEB </th>

<th> TOTAL</th>

<th> AVERAGE</th>

</tr>
```

```
<xsl:for-each select="mark/detail">
<tr bgcolor="yellow">
<td><font color="red"><xsl:value-of select="name"/></font> </td>
<td><xsl:value-of select="rollno"/></td>
<td><xsl:value-of select="m1"/></td>
<td><xsl:value-of select="m2"/></td>
<td><xsl:value-of select="m3"/></td>
<td><xsl:value-of select="total"/></td>
<td><xsl:value-of select="average"/></td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```

OUTPUT:

MARK STATEMENT

NAME	ROLLNO	PYTHON	JAVA	WEB	TOTAL	AVERAGE
surya	01	90	80	97	267	89
virat	02	99	88	95	282	94
rohith	03	90	80	99	269	89
ashwin	04	99	88	95	282	94
vijay	05	90	80	99	269	89

RESULT:

The above program is executed and its output is verified successfully.