1. Create and test HTML document that has six short paragraphs of text that describe various aspects of the state in which you live. Define three paragraph styles p1, p2 and p3. The p1 style must use left and right margins of 20 pixels, a background color of pink, and a foreground color of blue. The p2 style must use left and right margins of 30 pixels, a background color of black, and a foreground color of yellow. The p3 style must use text indent of 1 cm, a background color of green, and a foreground color of white. The first and fourth paragraph must use p1, the second and fifth must use p2, and the third and sixth must use p3. Demonstrate using inline, embedded and external style sheet. Demonstrate using different selectors.

2. Create web page with the following contents. Use two style sheets. Style1.css displays the paragraph in pink background color with blue color font. Style2.css displays the paragraph in green background color, yellow color font with letters of the paragraph being spaced "2em" between each other. Demonstrate the rendering of web page with different styles using web browser.

3. Apply the following rules for the HTML document displayed in the figure.
   a. Use yellow background color for the web page
   b. Define alternative colors for anchor pseudo classes.
   c. Make table caption boldface, table headers normal weight but italicized.
   d. Use a 14 pt sans serif font for all td elements.

4. Create a website for a school PS International Higher Secondary School. Divide the home page horizontally into two frames Frame1 (20%) and Frame2 (80%). Frame2 will be further divided into two vertical frames Frame3(20%) and Frame4(80%). Frame3 has links Home, Fee Structure, Academics, Acheivements, Results, Contact us.

Home page contains the following information:

The PS International Higher Secondary School is a recognized landmark in its pursuit of excellence in education, holistic development and human excellence, is deeply dedicated to the mission of building "Global Citizens with Indian Values", with an emphasis on value education, and respect for our rich cultural heritage.

PS International Higher Secondary School has been set up by the Learning Leadership Foundation (a public charitable trust) under the dynamic leadership of Dr. PS, Director. The PS International Higher Secondary School come directly under their purview and follow the tried and tested methodology of the teaching – learning process that has been the mainstay of academic excellence in over 50 years.

The Learning Leadership Foundation comprises a group of enterprising people, who

have considerable experience in education, and are recognized for 'professional development initiatives' for teachers. The School is backed by the combined strength of over a decade of 'thought leadership' in best pedagogic practices of the Learning Leadership Foundation and more than five decades of academic excellence of PS International Higher Secondary School. The option of the School Transportation is provided for all the Campus, in all the locations, both in Chennai.

Fee structure webpage

Registration Fee	25		
School Dues	**LKG-V**	**VI-X**	**X-XII**
Admission Fees	200	200	200
Annual Charges	3745p.a	3745p.a	3745p.a
Development Charges	275p.a	295p.a	315p.a
Tuition fee to be paid quarterly	1840p.m	1995p.m	2115p.m

Acheivements Webpage

1. Hero Honda Inter Schools Athletics meet was held at Gems International School.

more than 40 schools of District Gurgaon participated in the meet. Director Hero

Honda was Chief Guest. Our participants brought many laurels to the school.

- Deepak Yadav (Class X) bagged the Gold Medal in boys under 18years
- Our Relay team Girls under 18 years got the Bronze Medal. The participants were: Renu Yadav, Komal Yadav, Simral, Shereya

- Student Simral (Class VII) won a Silver Medal in age group under 14 years and Bronze Medal in age group under 18 years.

- Nitesh Yadav (Class VIII) bagged the Gold Medal in age group Boys under 14 years.

2. Haryana State Roller Skating Championship was held at Faridabad from 17th Dec.

to 19th Dec. 2010. Our participants brought many laurels to the school. The results

are as follows:

3. Yuthika Khatri (Class VII) bagged Gold Medals and Bronze Medals in the

following events:

- 500 mtrs. Rink Race Gold Medal
- 5000 mtrs. Road Race Gold Medal
- 1000 mtrs. Rink Race Gold Medal

Answer the Following

- Enforce these styles into the web pages of the school website.
- Generally the text which needs to be emphasized should be displayed in pink and bold.
- A specified paragraph should be displayed in blue color, italic and font-size should be 13.
- All the links must be styled with pseudo class with different colors such as linked: red, visited: violet, hover: blue and active: yellow.
- Universal font-size 14
- Character data of list item of ordered list should be in italic and 0.5ex size
- Character data of list item of unordered list should be in cursive with 2 inches size
- A style sheet should be written for visually impaired facilitating the view of the contents with the following style background yellow, text in red color, font size in 15, letter spacing 1 em
- A Logo of the school must be placed in Frame1 at the left position and the name of the school should be centered.
- A logo of stamp size must be at the bottom right corner of every webpage of website. It should be attached to the position where it is placed even the user scrolls the webpage.
- Use embedded and external style rules.

- Find out how CSS cascading and inheritance are applied to the webpages of the website from the given style sheets

School Logo is

1.CODE

inline.html

```
<html>
<head>

</head>
<body>

<p style="margin-left:20px;
        margin-right:20px;
        background-color:pink;
        color:blue"
>This is the first paragraph! <br> This is the first paragraph! <br>  This is the
first paragraph! <br>  </p>

<p style="margin-left:30px;
        margin-right:30px;
        background-color:black;
        color:yellow"
>This is the second paragraph! <br> This is the second paragraph! <br> This is
the second paragraph! <br>  </p>

<p style="text-indent:1cm;
        background-color:green;
        color:white"
```

>This is the third paragraph!
 This is the third paragraph!
 This is the third paragraph!
 </p>

<p style="margin-left:20px;
        margin-right:20px;
        background-color:pink;
        color:blue"
>This is the fourth paragraph!
 This is the fourth paragraph!
 This is the fourth paragraph!
 </p>

<p style="margin-left:30px;
        margin-right:30px;
        background-color:black;
        color:yellow"
>This is the fifth paragraph!
 This is the fifth paragraph!
 This is the fifth paragraph!
 </p>

<p style="text-indent:1cm;
        background-color:green;
        color:white"
>This is the sixth paragraph!
 This is the sixth paragraph!
 This is the sixth paragraph!
 </p>

</body>
</html>

embedded.html

<html>
<head>

<style type="text/css">

#p1{ margin-left:20px;
   margin-right:20px;
   background-color:pink;
   color:blue
   }

```
#p2{ margin-left:30px;
     margin-right:30px;
     background-color:black;
     color:yellow
   }

#p3{ text-indent:1cm;
     background-color:green;
     color:white
   }

</style>

</head>
<body>

<p id="p1">This is the first paragraph! <br> This is the first paragraph! <br>
This is the first paragraph! <br>  </p>

<p id="p2">This is the second paragraph! <br> This is the second paragraph!
<br> This is the second paragraph! <br>  </p>

<p id="p3">This is the third paragraph! <br> This is the third paragraph! <br>
This is the third paragraph! <br> </p>

<p id="p1">This is the fourth paragraph! <br> This is the fourth paragraph!
<br> This is the fourth paragraph! <br> </p>

<p id="p2">This is the fifth paragraph! <br> This is the fifth paragraph! <br>
This is the fifth paragraph! <br> </p>

<p id="p3">This is the sixth paragraph! <br> This is the sixth paragraph! <br>
This is the sixth paragraph! <br> </p>

</body>
</html>
```

external.html

```html
<html>
<head>
<link  rel="stylesheet"
      type="text/css"
      href="style1.css"
      title="normal">

</head>
<body>

<p class="class1">This is the first paragraph! <br> This is the first paragraph!
<br>  This is the first paragraph! <br> </p>
<p class="class2">This is the second paragraph! <br> This is the second
paragraph! <br> This is the second paragraph! <br>  </p>
<p class="class3">This is the third paragraph! <br> This is the third paragraph!
<br> This is the third paragraph! <br> </p>
<p class="class1">This is the fourth paragraph! <br> This is the fourth
paragraph! <br> This is the fourth paragraph! <br> </p>
<p class="class2">This is the fifth paragraph! <br> This is the fifth paragraph!
<br> This is the fifth paragraph! <br> </p>
<p class="class3">This is the sixth paragraph! <br> This is the sixth paragraph!
<br> This is the sixth paragraph! <br> </p>

</body>
</html>
```
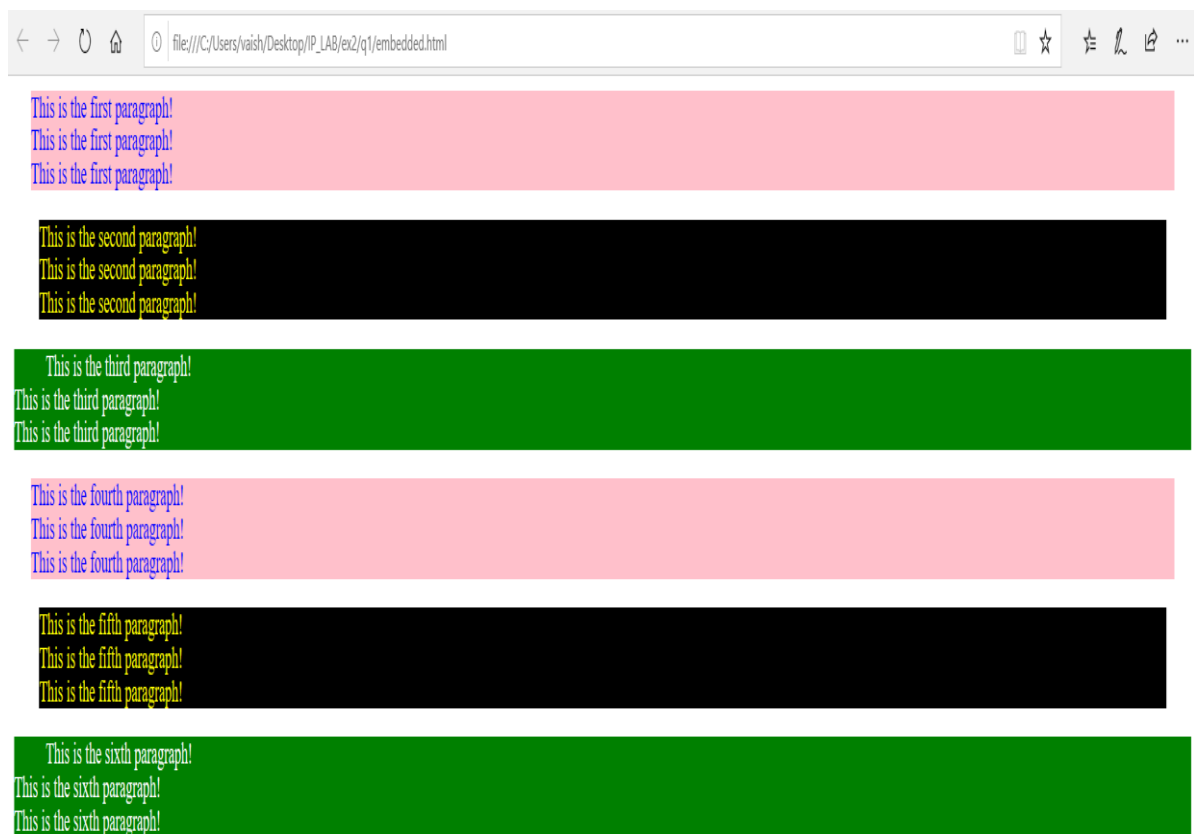
style1.css

```css
.class1{
   margin-left:20px;
   margin-right:20px;
   background-color:pink;
   color:blue
}

.class2{
    margin-left:30px;
    margin-right:30px;
    background-color:black;
```

```
        color:yellow
}

.class3{
        text-indent:1cm;
        background-color:green;
        color:white
}
```

OUTPUT:

2.CODE

q2.html

```html
<html>
<head>
<link  rel="stylesheet"
       type="text/css"
       href="style1.css"
       title="normal">
<link  rel="alternate stylesheet"
       type="text/css"
       href="style2.css"
       title="special">
</head>
<body>

<p>
Hello , How are you? <br>
Hello , How are you? <br>
Hello , How are you? <br>
</p>

</body>
</html>
```
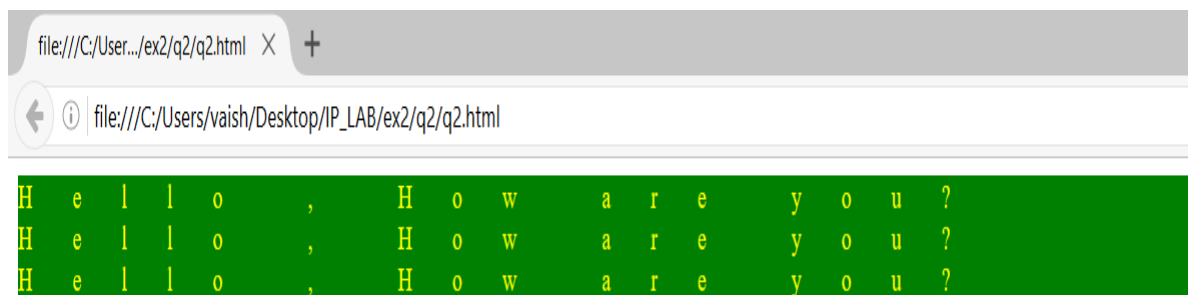
style1.css

```css
p
{background-color:pink;
 color:blue
}
```

style2.css

```css
p
{background-color:green;
 color:yellow;
 letter-spacing:2em
```

}

OUTPUT:

file:///C:/User.../ex2/q2/q2.html   ✕   +

← ⓘ file:///C:/Users/vaish/Desktop/IP_LAB/ex2/q2/q2.html

Hello , How are you?
Hello , How are you?
Hello , How are you?

file:///C:/User.../ex2/q2/q2.html   ✕   +

← ⓘ file:///C:/Users/vaish/Desktop/IP_LAB/ex2/q2/q2.html

H e l l o ,   H o w   a r e   y o u ?
H e l l o ,   H o w   a r e   y o u ?
H e l l o ,   H o w   a r e   y o u ?

3.CODE

q3.html

```html
<html>

<head>
<style type="text/css">

*{background-color:yellow;
 }
a:link {color:blue}
a:visited {color:red}
a:hover {color:green}
a:active {color:pink}

caption {font-weight:bold}
th {font-weight:normal; font-style:italic}
td {font-family:sans-serif; font-size:14pt}

</style>

</head>


<body>

<h3>

<table border=2 cellspacing="5" cellpadding="5" >
<caption>A test table with merged cells</caption>

<tr> <td rowspan="2"></td>  <th colspan="2">average</th> <th
rowspan="2">Red eyes</th> </tr>
<tr> <th>Height</th>     <th>Weight</th> </tr>
<tr> <th>Male</th>         <td>1.9</td>           <td>0.003</td>
<td>40%</td> </tr>
<tr> <th>Female</th>       <td>1.7</td>           <td>0.002</td>
<td>43%</td> </tr>
```
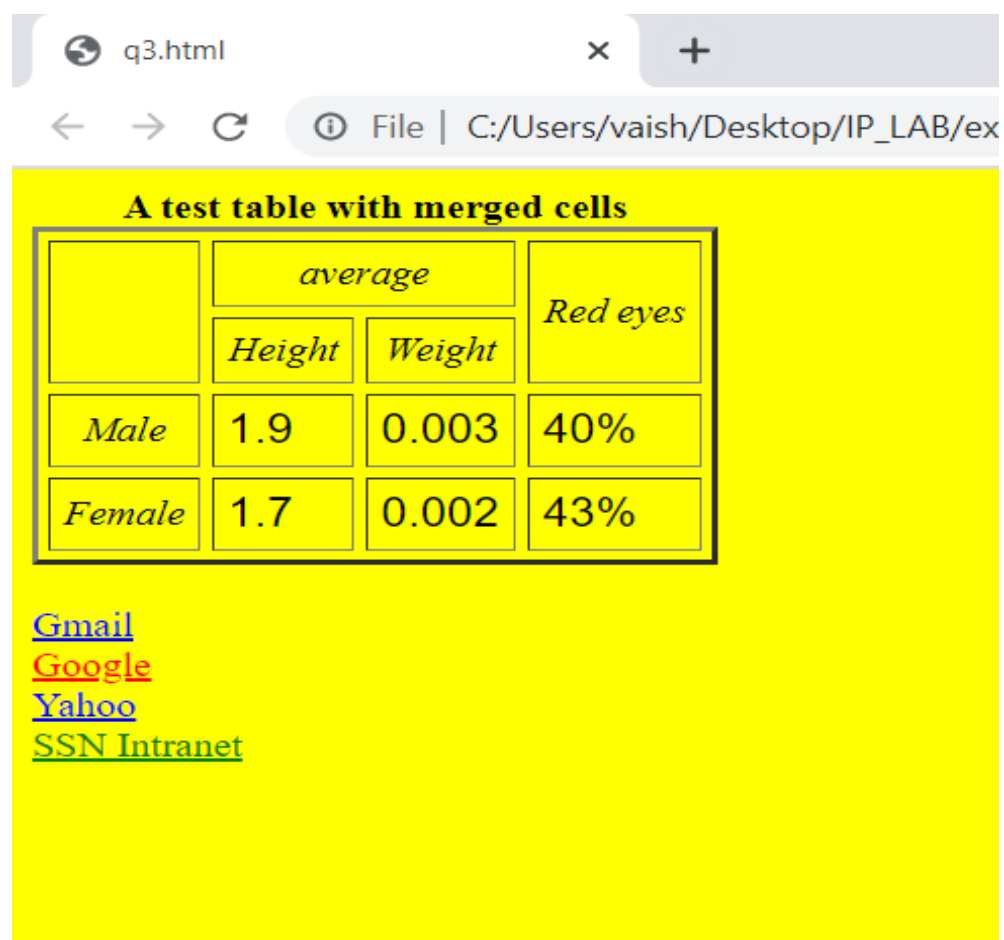
```
</table>

</h3>

<a href="https://www.gmail.com" >Gmail </a><br>
<a href="https://www.google.com" >Google </a><br>
<a href="https://www.yahoo.com" >Yahoo </a><br>
<a href="https://www.ssn.net" >SSN Intranet </a><br>

</body>

</html>
```

OUTPUT:

4.CODE

main.html

```html
<html>

<head>

<link   rel="stylesheet"
        type="text/css"
        href="style.css"
        title="normal">

<link   rel="alternate stylesheet"
        type="text/css"
        href="style2.css"
        title="special">

<style type="text/css">

#d1 {  height:20%;
        max-width:100%;
        border-color:#0099ff;
        border-width:5pt;
        border-style:solid;

        }

#d2 {  height:80%;
        max-width:100%;
        border-color:#0099ff;
        border-width:5pt;
        border-style:solid;
    }

#d3 {  height:99%;
        width:19.5%;
        border-left: #ff9999 3pt solid;
        border-top: #ff9999 3pt solid;
```

```css
        border-bottom: #ff9999 3pt solid;
        border-right: #ff9999 2pt solid;
        float:left;

    }

#d4 {   height:99%;
        width:79%;
        border: #ff9999 3pt solid;
        float:right;

    }


table{
        width: 100%;
        height :96%;
        text-align: center;
        border-collapse: separate;
}

#top { height:100%;
      max-width:100%;
    vertical-align: middle;

 }

#img_div {
        height:100%;
        width:20%;
        float:left;
    }

#title_div{

text-align:center;
vertical-align: middle;

    }
```

```
span {
    vertical-align: middle;
font-size:40pt;
    }


</style>

</head>

<body>

<div id="d1">
        <div id="img_div">
                <img src="logo.png" id="top"/>
        </div>
        <div id="title_div">
                <span>PS International Higher Secondary School </span>
        </div>
</div>
<div id="d2" >
        <div id="d3">
        <h3>
        <table  border=2 cellspacing="2"      cellpadding="2">
        <tr><td><a href="home.html" target="i1">Home</a></td></tr>
        <tr><td><a href="fee.html" target="i1">Fee Structure</a></td></tr>
        <tr><td><a href="academ.html" target="i1">Academics</a></td></tr>
        <tr><td><a href="achieve.html"
target="i1">Achievements</a></td></tr>
        <tr><td><a href="results.html" target="i1">Results</a></td></tr>
        <tr><td><a href="contact.html" target="i1">Contact us</a></td></tr>
        </table>
        </h3>
        </div>

        <div id="d4"  name="div4">
                <iframe height="100%" width="100%" name="i1"> </iframe>
        </div>

</div>
```

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

home.html

```
<html>
<head>

        <link   rel="stylesheet"
        type="text/css"
        href="style.css"
        title="normal">

<style type="text/css">

#p1  {
        font-size:  13pt;
        font-style: italic;
        color: blue;
}

</style>

</head>
<body>
<center><h1>HOME</h1>
<p id="p1">
The PS International Higher Secondary School is a recognized landmark in its
pursuit of excellence in education, holistic development and human
excellence, is deeply  dedicated to the mission of building <span
id="emp">Global Citizens with Indian Values"</span>, with an emphasis on
value education, and respect for our rich cultural heritage.
</p>

<p>
```

PS International Higher Secondary School has been set up by the Learning Leadership Foundation (a public charitable trust) under the dynamic leadership of Dr. PS, Director . The PS International Higher Secondary School come directly under their purview and follow the tried and tested methodology of the teaching – learning process that has been the mainstay of academic excellence in over 50 years.
</p>

<p>
The Learning Leadership Foundation comprises a group of enterprising people, who
have considerable experience in education, and are recognized for 'professional development initiatives', for teachers. The School is backed by the combined strength of over a decade of 'thought leadership' in best pedagogic practices of the Learning Leadership Foundation and more than five decades of academic excellence of PS International Higher Secondary School. The option of the School Transportation is provided for all the Campus, in all the locations, both in Chennai.
</p>
</center>

<div id="d6">

</div>

</body>
</html>

fee.html

<html>
<head>

        <link   rel="stylesheet"
        type="text/css"
        href="style.css"
        title="normal">

```html
</head>
<body>
<center><h1>FEE STRUCTURE</h1>

<h3>
<table border=2 cellspacing="2"        cellpadding="2">
<tr>
        <th>Registration Fee</th>
        <td>25</td>
        <td></td>
        <td></td>
</tr>
<tr id="emp">
        <th>School Dues</th>
        <th>LKG-V</th>
        <th>VI-X</th>
        <th>XI-XII</th>
</tr>
<tr>
        <th>Admission Fees</th>
        <td>200</td>
        <td>200</td>
        <td>200</td>
</tr>
<tr>
        <th>Annual Charges</th>
        <td>3745 p.a</td>
        <td>3745 p.a</td>
        <td>3745 p.a</td>
</tr>
<tr>
        <th>Development charges</th>
        <td>275 p.a</td>
        <td>295 p.a</td>
        <td>315 p.a</td>
</tr>
<tr>
        <th>Tuition fee to be paid quaterly</th>
        <td>1840 p.m</td>
        <td>1995 p.m</td>
```

```
            <td>2115 p.m</td>
</tr>

</table>
</h3>

</center>

<div id="d6">
        <img src="logo.png"  id="bottom"/>
</div>
</body>
</html>
```

achieve.html

```
<html>
<head>

        <link   rel="stylesheet"
        type="text/css"
        href="style.css"
        title="normal">

</head>
<body>

<center><h1>ACHIEVEMENTS</h1></center>
<h3>

<ol>

<li>Hero Honda Inter Schools Athletics meet was held at Gems International
School.
more than 40 schools of District Gurgaon participated in the meet. Director
Hero
Honda was Chief Guest. Our participants brought many laurels to the school.
        <ul>
```

```html
        <li>     Deepak Yadav (Class X) bagged the Gold Medal in boys
under 18years.</li>
        <li>     Our Relay team Girls under 18 years got the Bronze Medal.
The participants     were: Renu Yadav, Komal Yadav, Simral, Shereya.</li>
        <li>     Student Simral (Class VII) won a Silver Medal in age group
under 14 years and Bronze Medal in age group under 18 years.</li>
        <li>     Nitesh Yadav (Class VIII) bagged the Gold Medal in age
group Boys under 4 years. </li>
    </ul>
</li>
<br/>
<li>
Haryana State Roller Skating Championship was held at Faridabad from 17th
Dec.
to 19th Dec. 2010. Our participants brought many laurels to the school. The
results
are as follows:
</li>
<br/>
<li>Yuthika Khatri (Class VII) bagged Gold Medals and Bronze Medals in the
following events:
<ul>
    <li>500 mtrs. Rink Race Gold Medal</li>
    <li>5000 mtrs. Road Race Gold Medal</li>
    <li>1000 mtrs. Rink Race Gold Medal</li>
</ul>
</li>
<br/>
</ol>
</h3>

<div id="d6">
    <img src="logo.png"  id="bottom"/>
</div>

</body>
</html>
```

contact.html

```
<html>
<head>

    <link  rel="stylesheet"
    type="text/css"
    href="style.css"
    title="normal">
</head>
<body>
<center>
    <h1>CONTACT US</h1>
    <pre><h3>
    PS International Higher Secondary School
    Rajiv Gandhi Salai (OMR)
    Kalavakkam - 603 110
    Tamil Nadu, India
    Phone: +91 44 27469700
    Email: info@psi.edu.in
    </h3></pre>
</center>

<div id="d6">
    <img src="logo.png"  id="bottom"/>
</div>

</body>
</html>
```

style1.css

```
*{font: 14pt;}

a:link {color:red}
a:visited {color:violet}
a:hover {color:blue}
```

```css
a:active {color:yellow}

ol li {
        font-style: italic;
        font-size: 20pt;
}

ul li{
        font-family: cursive;
        font-size: 20pt;
        list-style-type:disc;
}

#d6 {   height:100px;
        width:100px;
        position:fixed;
        bottom:2pt;
        right:10pt;
   }


  #bottom { height:100%;
    max-width:100%;
}

 #emp{
        font-weight: bold;
        color:pink;
}
```
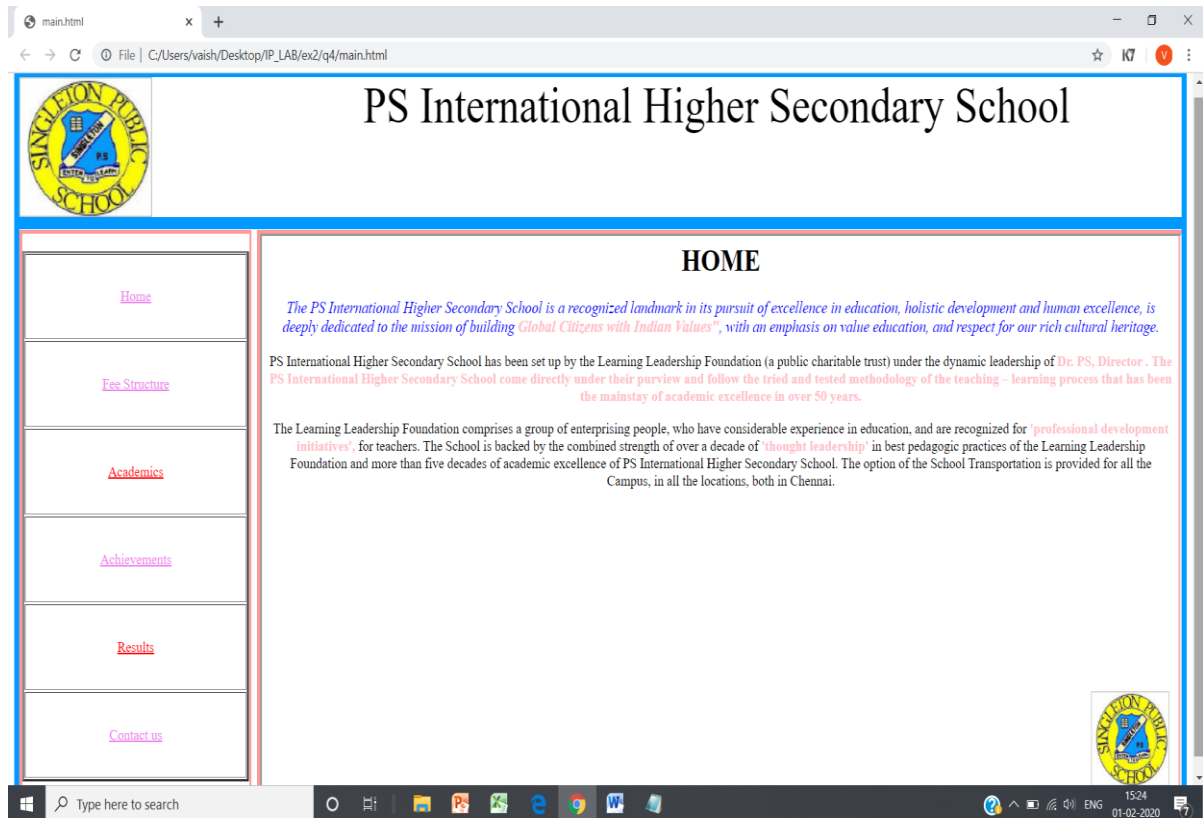
style2.css

```css
*{background-color: yellow;
        color: red;
        font-size: 15pt;
        letter-spacing: 1em;
 }

a:link {color:red}
a:visited {color:violet}
```

a:hover {color:blue}
a:active {color:yellow}

OUTPUT:

PS International Higher Secondary School

Home

Fee Structure

Academics

Achievements

Results

Contact us

ACHIEVEMENTS

1. *Hero Honda Inter Schools Athletics meet was held at Gems International School. more than 40 schools of District Gurgaon participated in the meet. Director Hero Honda was Chief Guest. Our participants brought many laurels to the school.*

- Deepak Yadav (Class X) bagged the Gold Medal in boys under 18years.
- Our Relay team Girls under 18 years got the Bronze Medal. The participants were: Renu Yadav, Komal Yadav, Simral, Shereya.
- Student Simral (Class VII) won a Silver Medal in age group under 14 years and Bronze Medal in age group under 18 years.
- Nitesh Yadav (Class VIII) bagged the Gold Medal in age group Boys under 4 years.

2. *Haryana State Roller Skating Championship was held at Faridabad from 17th Dec. to 19th Dec. 2010. Our participants brought many laurels to the school. The results are as follows:*

3. *Yuthika Khatri (Class VII) bagged Gold Medals and Bronze Medals in the following events*
   - 500 mtrs. Rink Race Gold Medal

PS International Higher Secondary School

Home

Fee Structure

Academics

Achievements

Results

Contact us

FEE STRUCTURE

Registration Fee	25		
School Dues	LKG-V	VI-X	XI-XII
Admission Fees	200	200	200
Annual Charges	3745 p.a	3745 p.a	3745 p.a
Development charges	275 p.a	295 p.a	315 p.a
Tuition fee to be paid quaterly	1840 p.m	1995 p.m	2115 p.m

PS International Higher Secondary School

Home	
Fee Structure	**CONTACT US**
Academics	PS International Higher Secondary School
Achievements	Rajiv Gandhi Salai (OMR)
Results	Kalavakkam - 603 110
Contact us	Tamil Nadu, India
	Phone: +91 44 27469700
	Email: info@psi.edu.in