```
ex38
---------
<!--
pseudo selector
  ==> pseudo classes
  ==> these are predefine selector
   list:  hover, first-child, last-child, nth-child, focus, blur, link, active,
visited
  ==>  : symbol is prefix for all pseudo class

first-child ==> used to define styles for 1st positioned child tag
            Syn:- tag/id/class:first-child{
                           prop:val;
                           prop:val;
                           ...
                      }

last-child ==> used to define styles for last positioned child tag
            Syn:- tag/id/class:last-child{
                           prop:val;
                           prop:val;
                           ...
                      }

nth-child ==> used to define styles for nth positioned child tag
            Syn:- tag/id/class:nth-child(POS/even/odd){
                           prop:val;
                           prop:val;
                           ...
                      }
                      POS => specific child
                      even => all even positioned childs
                      odd => all odd positioned childs

hover ==> hand over
                  ==> used to apply styles on html elements, whenever mouse
pointers comes over the tag
            Syn:-       tag/id/class:hover{
                                 prop:val;
                                 prop:val;
                                 ...
                          }
 example on pseudo selectors  -->
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>Ex38</title>
   <link rel="icon" href="logo.png"/>
     <style>
           li:first-child{
                color:red;
           }
           li:last-child{
                color:blue;
           }
           li:nth-child(even){
                color:green;
           }
           li:hover{
                color:#ff00ff;
           }
     </style>
 </head>
 <body>
```

```
        <ol>
            <li>Samsung</li> <li>Google</li> <li>Oracle</li> <li>Microsoft</li>
            <li>ADP</li> <li>CA</li> <li>Cisco</li> <li>Apple</li>
        </ol>
 </body>
</html>


ex39
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<!-- example on css tables -->
<!DOCTYPE html>
<html lang="en">
 <head>
     <title>Ex39</title>
     <link rel="icon" href="logo.png"/>
     <link rel="stylesheet" href="tablestyle.css"/>
 </head>
 <body>
     <table align="center">
        <caption>IPL 2022 Points Table</caption>
        <tr>
            <th>POS</th> <th>TEAM</th> <th>MATCHES</th> <th>WON</th>
<th>LOST</th> <th>PTS</th> <th>NRR</th>
        </tr>
        <tr>
            <td>1</td> <td><img src="images/gt.png"/>Titans</td> <td>14</td>
<td>10</td> <td>4</td> <td>20</td> <td>+0.316</td>
        </tr>
        <tr>
            <td>2</td> <td><img src="images/rr.png"/>Royals</td> <td>14</td>
<td>9</td> <td>5</td> <td>18</td> <td>+0.298</td>
        </tr>
        <tr>
            <td>3</td> <td><img src="images/lsg.png"/>Super Giants</td>
<td>14</td> <td>9</td> <td>5</td> <td>18</td> <td>+0.251</td>
        </tr>
        <tr>
            <td>4</td> <td><img src="images/rcb.png"/>Royal Challengers</td>
<td>14</td> <td>8</td> <td>6</td> <td>16</td> <td>-0.253</td>
        </tr>
        <tr>
            <td>5</td> <td><img src="images/dc.png"/>Capitals</td> <td>14</td>
<td>7</td> <td>7</td> <td>14</td> <td>+0.204</td>
        </tr>
        <tr>
            <td>6</td> <td><img src="images/pk.png"/>Kings</td> <td>14</td>
<td>7</td> <td>7</td> <td>14</td> <td>+0.126</td>
        </tr>
        <tr>
            <td>7</td> <td><img src="images/kkr.png"/>Knight Riders</td>
<td>14</td> <td>6</td> <td>8</td> <td>12</td> <td>+0.146</td>
        </tr>
        <tr>
            <td>8</td> <td><img src="images/srh.png"/>Sunrisers</td> <td>14</td>
<td>6</td> <td>8</td> <td>12</td> <td>-0.379</td>
        </tr>
        <tr>
            <td>9</td> <td><img src="images/csk.png"/>Super Kings</td>
<td>14</td> <td>4</td> <td>10</td> <td>8</td> <td>-0.203</td>
        </tr>
        <tr>
            <td>10</td> <td><img src="images/mi.png"/>Indians</td> <td>14</td>
<td>4</td> <td>10</td> <td>8</td> <td>-0.506</td>
```

```
            </tr>
        </table>
  </body>
</html>
```

tablestyle.css

```css
img{
                    width:20px;
                    height:20px;
            }
            table{
                    width:600px;
                    font-size:20px;
                    border-collapse:collapse;
            }
            caption{
                    font-size:26px;
                    text-align:left;
            }
            tr{
                    border-bottom:1px solid yellow;
            }
            tr:nth-child(odd){
                    background:#0033ff;
                    color:white;
            }
            tr:nth-child(even){
                    background:#00ccff;
            }
            tr:first-child{
                    background:red;
                    color:white;
            }
            tr:hover{
                    background:black;
                    color:white;
            }
```

ex40

```html
<!-- example on tables
  colspan ==> used to mearge multiple columns into single col
              ==> displaying common heading or common data for column
              ==> th or td

  rowspan ==> used to mearge multiple rwos into single row
              ==> displaying common data for rows
              ==> td
-->
<!DOCTYPE html>
<html lang="en">
  <head>
      <title>Ex40</title>
      <link rel="icon" href="logo1.png"/>
  </head>
  <body>
      <h3>demo on colspan & rowspan</h3>
      <table border>
        <tr>
            <th>State</th> <th>District</th> <th colspan="2">Population</th>
            <th>Increase</th>
        </tr>
         <tr>
```

```
            <td rowspan="5">Andhra Pradesh</td> <td>East Godavari</td>
<td>4,154,296</td> <td>5,154,296</td> <td>5.16%</td>
        </tr>
        <tr>
                                                <td>Guntur</td> <td colspan="2"
align="center">4,887,813</td>  <td>9.16%</td>
        </tr>
        <tr>
                                         <td>Krishna</td> <td>3,517,398</td>
<td>4,517,398</td> <td>7.87%</td>
        </tr>
        <tr>
                                         <td>Visakhapatnam</td> <td>3,290,589</td>
<td>4,290,589</td> <td>7.87%</td>
        </tr>
        <tr>
                                         <td>Chittoor</td> <td>4,174,064</td>
<td>4,174,064</td> <td>11.43%</td>
        </tr>
        <tr>
            <td rowspan="3">Maharashtra</td> <td>Thane</td> <td>10,060,148</td>
<td>11,060,148</td> <td>36.43%</td>
        </tr>
        <tr>
                        <td>Pune</td> <td>8,429,408</td> <td>9,429,408</td>
<td>30.37%</td>
        </tr>
        <tr>
                        <td>Nashik</td> <td>6,107,187</td> <td>6,107,187</td>
<td>22.37%</td>
        </tr>
    </table>
  </body>
</html>
```