Lenguajes de marcas y Sistemas de gestión de la información

CSS: PSEUDO-CLASSES

PSEUDO-CLASSES

Permiten cambiar el estilo cuando se produzca un cambio de estado de forma dinámica sobre un elemento.

Por ejemplo, cuando el ratón pasa por encima de un elemento.

La sintaxis es la siguiente:

```
selector:pseudo-class { property: value; }
```

LINKS vs PSEUDO-CLASSES

```
 1  <!DOCTYPE html>
 2  <html lang="en">
 3  <head>
 4  <meta charset="utf-8">
 5  <title>Example of Dynamic Anchor Pseudo-classes</title>
 6  <style>
 7      a:link {
 8          color: blue;
 9      }
10      a:visited {
11          text-decoration: none;
12      }
13      a:hover {
14          color: red;
15      }
16      a:active {
17          color: gray;
18      }
19      a:focus {
20          color: yellow;
21      }
22  </style>
23  </head>
24  <body>
25      <p>Visit <a href="https://www.google.es"
    target="_blank">www.google.es</a></p>
26  </body>
27  </html>
```

Visit www.google.es

:first-child

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="utf-8">
5  <title>Example of CSS :first-child Pseudo-class</title>
6  <style>
7      ol{
8          padding: 0;
9          list-style: none;
10     }
11     ol li{
12         padding: 10px 0;
13         border-top: 1px solid #000000;
14     }
15     li:first-child {
16         border-top: none;
17     }
18  </style>
19  </head>
20  <body>
21      <h1>Sample Ordered Lists</h1>
22      <ol>
23          <li>Mix ingredients</li>
24          <li>Bake in oven for an hour</li>
25          <li>Allow to stand for ten minutes</li>
26      </ol>
27  </body>
28  </html>
```

Sample Ordered Lists

Mix ingredients

Bake in oven for an hour

Allow to stand for ten minutes

:last-child

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta charset="utf-8">
5  <title>Example of CSS :last-child Pseudo-class</title>
6  <style>
7      ul{
8          padding: 0;
9          list-style: none;
10     }
11     ul li{
12         display: inline;
13         padding: 0 20px;
14         border-right: 1px solid #000000;
15     }
16     li:last-child {
17         border-right: none;
18     }
19 </style>
20 </head>
21 <body>
22     <h1>Sample Navigation Bar</h1>
23     <ul>
24         <li>Home</li>
25         <li>About Us</li>
26         <li>Services</li>
27         <li>Contact Us</li>
28     </ul>
29 </body>
30 </html>
```

Sample Navigation Bar

Home | About Us | Services | Contact Us

:nth-child

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Example of CSS :nth-child Pseudo-class</title>
<style>
    table{
        margin: 30px;
        border-collapse: collapse;
    }
    table tr{
        border-bottom: 1px solid #666;
    }
    table tr th, table tr td{
        padding: 10px;
    }
    table tr:nth-child(2n) td{
        background: #f2f2f2;
    }
</style>
</head>
<body>
    <table>
        <tr>
            <th>Row</th>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Email</th>
        </tr>
        <tr>
            <td>1</td>
            <td>John</td>
            <td>Carter</td>
            <td>johncarter@mail.com</td>
        </tr>
        <tr>
            <td>2</td>
            <td>Peter</td>
            <td>Parker</td>
            <td>peterparker@mail.com</td>
        </tr>
        <tr>
            <td>3</td>
            <td>John</td>
            <td>Rambo</td>
            <td>johnrambo@mail.com</td>
        </tr>
        <tr>
            <td>4</td>
            <td>Harry</td>
            <td>Potter</td>
            <td>harrypotter@mail.com</td>
        </tr>
    </table>
</body>
</html>
```

Row	First Name	Last Name	Email
1	John	Carter	johncarter@mail.com
2	Peter	Parker	peterparker@mail.com
3	John	Rambo	johnrambo@mail.com
4	Harry	Potter	harrypotter@mail.com