

1. Some of the most used pseudo-classes are  
- :link, :visited, :active, :hover, :focus, :first-child.

**:link** - Used to add special style to an unvisited link.

**:visited** - Used to add special style to a visited link.

**:hover** - Used to add special style to an element when you mouse over it.

**:active** - Used to add special style to an active element.

**:focus** - Used to add special style to an element while the element has focus.

**:first-child** - Used to add special style to an element that is the first child of some other element.

**:nth-child** - Used to add style to a particular child element.

2. The order of declaration is very important when you are using pseudo classes to style the links, :link and :visited usually come first, followed by :hover and :focus, :active is written last.

## **nth-child**

To style the odd/even li elements or table. we use nth-child pseudo class.

The syntax for the nth-child pseudo class is same as the other pseudo-classes, the only difference is you have to mention the styling pattern **an+b in ()**. The CSS styles the number of child elements whose numeric position in the series of children matches the pattern an+b.

- A=1 and b=0, equals n, which would match every child element.
- A=2 and b=0, equals 2n, which would match child elements 2, 4, 6, 8, etc. We can substitute the keyword even in the () for this expression.
- A=2 and b= 1, equals 2n+1 which would match child elements 1, 3, 5, 7, etc. We can substitute the keyword odd in the () for this expression.

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This is how we use **:hover** pseudo class to style a table

On hover the row background color changes to #ffff99

## NAME FIRST APPEARANCE ABILITIES

Joker	Batman #1 (April 1940)	Criminal mastermind, expert chemist, utilizes weaponized props and toxins
Ra's al Ghul	Batman #232 (June 1971)	Genius-level intellect, peak physical conditioning, superior strength and stamina, master martial artist and hand-to-hand combatant for centuries
Two face	Detective Comics #66 (August 1942)	Schizoid criminal mastermind obsessed with duality, extensive knowledge in law, experienced hand-to-hand combatant and detective
Bane	Batman: Vengeance of Bane 1 (January 1993)	Brilliant military strategist, trained mercenary, peak human physical conditioning, venom enhanced strength and durability
Black Mask	Batman #386 (August 1985)	Brilliant tactician and strategist, crime boss with powerful underworld connections, skilled marksman, advanced stamina and endurance

## Code:

```
<!DOCTYPE html>

<html>

<head>

    <title>Styling Tables</title>

</style>

table{

border-collapse: collapse;

width: 100%;
```

```
}
```

```
th,td {
```

```
padding:15px;
```

```
border: 1px solid #a4a4a4;
```

```
height: 30px;
```

```
}
```

```
th {
```

```
text-align: left;
```

```
background-color: #ececce;
```

```
}
```

```
tr:hover {
```

```
background-color: #ffff99;
```

```
border: 5px solid black;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<table>
```

<tbody>

<tr><th>NAME </th> <th>FIRST APPEARANCE </th> <th>ABILITIES  
</th></tr>

<tr><td>Joker</td> <td>Batman #1 (April 1940)</td> <td>Criminal  
mastermind, expert chemist, utilizes weaponized props and toxins</td></tr>

<tr><td>Ra's al Ghul</td> <td>Batman #232 (June 1971)</td>  
<td>Genius-level intellect, peak physical conditioning, superior strength and stamina,  
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</tbody>

</table>

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</body>
```