CSS : CSS is "Cascading Style Sheets" and it is defined to display HTML in structured and colorful styles are applied to webpage.

In CSS there are two special characters which has important role to play.

1. dot(.) refers to class.

##### 2. Hash(#) refers to Id

There are there important special characters:  
**1. '^' symbol, represents the starting text in a string.**  
**2. '$' symbol represents the ending text in a string.**  
**3. '\*' symbol represents contains text in a string.**

### ****Locating Child Elements(Direct Child):** Syntax:** parentLocator>childLocator

**CSS Locator:** div#buttonDiv>button

**Explanation:** ‘div#buttonDiv>button’ will first go to div element with id ‘buttonDiv’ and then select its child element – ‘button’

### ****Locating elements inside other elements (child or sub-child):****

**Syntax:** parentLocator>locator1 locator2

**CSS Locator:** div#buttonDiv button

//div[@id=’buttonDiv’]//button

**Explanation:** ‘div#buttonDiv button’ will first go to div element with id ‘buttonDiv’ and then select ‘button’ element inside it (which may be its child or sub child)

### ****Locating nth Child:****

To find nth-child css.

|  |  |
| --- | --- |
| 1  2  3  4  5 | <ul id="automation">     <li>Selenium</li>     <li>QTP</li>     <li>Sikuli</li>  </ul> |

To locate the element with text ‘QTP’, we have to use “nth-of-type”

|  |  |
| --- | --- |
| 1 | css="ul#automation li:nth-of-type(2)" |

Similarly, To select the last child element, i.e. ‘Sikuli’, we can use

|  |  |
| --- | --- |
| 1 | css="ul#automation li:last-child" |