Pseudo Class

A pseudo class is a additional class that can be applied to a elements but most of the time to a link.

By default links have three states, default, visited, and active. Css adds one more state, hover.

The set up a pseudo class is a little different. It will combine both a selector and pseduo class.

selector:pseduoClass

Remember the idea of the cascade we can start with a base or standard style using the A as a selector.

Base/default - applies to all states of the link. Note: pseudo class can over ride the base if set in one of the other states

```
a {
        color: green;
        text-decoration: none;
        font-weight: bold;
        text-transform: uppercase;
}
```

Setting :link
:link adds style only the when the link is not listed in the local browsers history.

```
a:link {
        color: teal;
}
```

Setting :visited
:visited adds styles only when the link is listed in the local browsers history. If you have been on the page in the past.

```
a:visited {
        color: red;
}
```

Setting :active
:active adds style only when the link is being clicked. When the user is press down on the link but before it is released.

```
a:active {
        font-style: italic;
}
```

Setting :hover
:hover add style only when the mouse is over the link but not pressing down,

```
a:hover {
        text-decoration: underline;
}
```

NOTE: Pseudo class are not required. They should only be used when they are needed for the design.

NOTE: If no pseudo class is set all states of the link will be defined in the standard selector for that link.