1. Difference between enumeration and enum-

Enumeration is an interface, an object that implements the Enumeration interface generates a series of elements, one at a time. Successive calls to the nextElement method return successive elements of the series.

for (Enumeration<E> e = v.elements(); e.hasMoreElements();)

System.out.println(e.nextElement());

Enum is a data type, an enum type is a special data type that enables for a variable to be a set of predefined constants. The variable must be equal to one of the values that have been predefined for it.

public enum Day {

SUNDAY, MONDAY, TUESDAY, WEDNESDAY,

THURSDAY, FRIDAY, SATURDAY

}

2. Pseudo classes-

A CSS pseudo-class is a keyword added to a selector that specifies a special state of the selected element(s). For example, hover can be used to change a button's color when the user's pointer hovers over it.

a:link {

color: #FF0000;

}

a:visited {

color: #00FF00;

}

a:hover {

color: #FF00FF;

}

a:active {

color: #0000FF;

}

3. Change color to div inside another div-

By using pseudo class.

.error:nth-child(1)

{

Color:red;

}

4. Child selector-

Child Selector is used to match all the elements which are child of a specified element. It gives the relation between two elements. The element > element selector selects those elements which are the children of specific parent. The operand on the left side of > is the parent and the operand on the right is the children element.

<!DOCTYPE html>

<html>

    <head>

        <title>

            CSS child Selector

        </title>

        <style>

            div > p {

                color:white;

                background: green;

                padding:2px;

            }

        </style>

    </head>

    <body style = "text-align: center;">

        <div>

            <h2 style = "color:green;">

                CSS Child Selector

            </h2>

            <p>

                A computer science portal.

            </p>

        </div>

        <p> questions</p>

        <p>This paragraph will not be styled.</p>

    </body>

</html>