

# 1. 실습: HTML+CSS+JS

## 가. HTML: web/index.html

```
<!DOCTYPE html>
<html>  <!-- root element -->
  <head>
    <meta charset= "UTF-8">
    <title>My sample page</title>
    <link rel= "preconnect" href= "https://fonts.googleapis.com">
    <link rel= "preconnect" href= "https://fonts.gstatic.com">
    <link href= "https://fonts.googleapis.com/css2?family=Open+Sans&display=swap" rel= "stylesheet">
    <link href= "/htmlcssjs_study1/stylesheets/mystyle.css" rel= "stylesheet" type= "text/css">

  </head>

  <body>  <!-- visual contents -->

    <h1>Hello World!</h1>
    <a href= "http://www.google.com"> Google</a>

    <p class= "para">Today is a new day.</p>
    <img alt= "Cute pussy image" src= "/htmlcssjs_study1/images/puppy.jpg">

    <p class= "para">Let us try to be:</p>

    <ul>
      <li>Kind</li>
      <li>Patient</li>
      <li>Forgiving</li>
    </ul>

    <p id= "quote">Feeling <a href= "http://quotesfrothought.com">gratitude</a> and not
    expressing it it like wrapping a present and not giving it.</p>

    <button>Change name</button>

    <script src= "/htmlcssjs_study1/scripts/myscript.js" type= "text/javascript"> </script>
  </body>
</html>
```

## 나. CSS: web/stylesheets/mystyle.css

```
@charset "UTF-8";
```

```
p, li {
  font-size: 17px;
  line-height: 2;
}
```

```

h1 {
    font-size: 65px;
    text-align: center;
    margin: 0;
    padding: 20px 0;
    color: deepskyblue;
    text-shadow: 3px 3px 1px black;
}

#quote {
    font-style: italic; /* This makes text italic */
}

.para {
    font-size: 25px;
    color: blue;
    font-family: Arial, Helvetica, Times;
    font-weight: bold;
}

body {
    margin: 0 auto;
    padding: 0 20px 20px 20px;
    width: 600px;
    border: 4px solid black;
    background-color: yellow;
}

html {
    background-color: #27FFF8;
    font-family: 'Open Sans', sans-serif;
    font-size: 30px;
}

img {
    display: block;
    margin: 0 auto;
}

```

**다. 자바스크립트:** web/scripts/myscripts.js

```

var dogImage = document.querySelector("img");

dogImage.onclick = function()
{
    var myImages = dogImage.getAttribute('src');
    if(myImages === '/htmlcssjs_study1/images/puppy.jpg')
    {
        dogImage.setAttribute('src', '/htmlcssjs_study1/images/dog.jpg');
    }
}

```

```
    else
    {
        dogImage.setAttribute('src', '/htmlcssjs_study1/images/puppy.jpg');
    }
}
```

```
var nameButton = document.querySelector('button');
var myHeading = document.querySelector('h1');
```

```
function setUserNames()
{
    'use strict';
    var myName = window.prompt('Please enter your name. ');
    localStorage.setItem('name', myName);
    myHeading.textContent = 'Have a nice day, ' + myName;
}
```

```
if(!localStorage.getItem('name'))
{
    setUserNames();
}
else
{
    var storedName = localStorage.getItem('name');
    myHeading.textContent = 'Have a nice day, ' + storedName;
}
```

```
nameButton.onclick = function()
{
    'use strict';
    setUserNames();
}
```