Web Programming Lab Notes

Lesson 1

1. Title
2. H1, h2, etc.
3. Hr

<title>My Web Page at S&amp;S</title>

</head>

<body>

<h1>Welcome to Web Programming with HTML</h1>

<h6>Programming is fun</h6>

<hr /> <!--this is a comment-->

Lesson 2

1. Paragraph (p)
2. Line break
3. <p>

This is a crash course in web programming.<br/>

How do I make this line appear on a new line?

</p>

<p>

This is the start of another paragraph

</p>

Lesson 3

1. Lists
   1. Unordered
   2. Ordered

Here are my vacation ideas:

<ul>

<li>Mexico</li>

<li>Florida Beach</li>

<li>Disney</li>

</ul>

My Shopping List

<ol>

<li>Apples</li>

<li>Hot Dogs</li>

<li>Bread</li>

</ol>

Lesson 4

1. Anchor (link)
2. Div
3. Label
4. Input
   1. Text
   2. Number
5. Select
6. Checkbox
7. Button

<div>

<label>Name</label>

<input type="text" placeholder="Enter your full name" />

</div>

<div>

<label>Age</label>

<input type="number" />

</div>

<div>

<label>Fav Food</label>

<select>

<option>Apples</option>

<option>Pizza</option>

</select>

</div>

<div>

<input type="checkbox" />

<label>Email me a newsletter</label>

</div>

<div>

<button>Submit Information</button>

</div>

Lesson 5

1. Css
2. Add style refs
3. Add id to div

<link rel="stylesheet" href="/bootstrap.min.css" />

<link rel="stylesheet" href="/site.css" />

<div id="fun">

Watch Me Grow

</div>

body {

font-size:12pt;

}

#fav{

font-size:20pt;

font-weight:bold;

margin-top:10px;

background-color:red;

padding:10px;

color:yellow;

max-width:500px;

border:5px solid black;

border-radius: 25px;

}

#fun{

background-color:blue;

width:200px;

margin:10px;

transition: width 2s;

animation-name: example;

animation-duration:5s;

}

#fun:hover{

width:400px;

}

@keyframes example {

from {

background-color: red;

width:200px;

}

to {

background-color: yellow;

width:400px;

}

}

Lesson 6 – javascript

console.log("We are working");

var x = 1;

var y = 2;

var result = x + y;

console.log('x + y = ' + result);

var name = "david";

console.log(name.toUpperCase());

console.log(name);

var index = name.indexOf("v");

console.log(index);

var names = [];

names.push('david');

names.push('alaina');

console.log('names has a length of ', names.length);

console.log('the name at pos 1 is ', names[1]);

LogArray(names);

names.push('devan');

LogArray(names);

var num = 10;

if (num <= 5) {

console.log(' less than 5');

}

else if (num <= 7) {

console.log(' less than 7');

}

else {

console.log(' > than 5');

}

function LogArray(array) {

for (var i = 0; i <= array.length - 1; i++) {

console.log(array[i]);

}

}

var name = "David Freeman";

document.getElementById('name').value = name;

document.getElementById('submit').onclick = function () {

var name = document.getElementById("name").value;

var age = document.getElementById("age").value;

var favFood = document.getElementById("favFood").value;

var emailMe = document.getElementById("emailMe").value;

var resultHtml = "Name : " + name + "<br/>";

resultHtml += " Age :" + age + "<br/>";

resultHtml += " FavFood " + favFood + "<br/>";

resultHtml += "Email Me " + emailMe + "<br/>";

document.getElementById("result").innerHTML = resultHtml;

};

<div id="result">

</div>

<script src="/jsLesson.js"></script>

# Windows Programming

Console App- Ask first name then last name, concatenate and output

Add full name to list<string>, output the entire list

Do a ToUpper and ToLower on the names

If time, upper the first letter, lower the following

Windows Forms- input for name, birthday, hobbies (list)

On save, write data out to a file

Anchor

Groupbox

Open another form

Read from a file and display contents on screen