**CHEAT SHEET**

**Note**: Only concepts covered in lecture will be on the exam. For example, when you do the midterm exam, you will proably not yet have learned about **if else** statements, or the **parse** functions. Therefore, you would not need to worry about those topics for that exam.

In fact, any topic that you may see on this sheet but was not covered in the course will *not* be covered on the exam. For example, even though there is mention of ‘**HTML Entities**” on this cheat sheet, if it was not discussed during lecture in your course, you will not be asked about it on this exam.

**Some CSS examples:**

- Change a font type: font-family:value;

 Some font types/values: serif, sans-serif, cursive, monospace, Arial, etc

- Change a font size: text-size:200%; 🡪 200% means double its usual size

- Change a foreground color: color:value;

- Change a background color: background-color:value;

- Place a border (2 pixels, solid, black): border:2px solid black;

- Adjusts width: width:200px OR width:75%

- Link tag (external sheet) <link rel="stylesheet" href="filename.css">

- Create a class .className { property:value; etc }

- Create a contextual selector #id\_name { property:value; etc }

**Some HTML Tags**

Some Semantic tags:

* <header>
* <main>
* <footer>

Anchor <a href="url">

Div <div id="identifier">

Form: <form id="nameOfForm">

Textfield: <input type="text" id="txtName">

Button: <input type="button" value="Button Text"

onclick="nameOfFunction()">

 *Another way to create buttons:*

 <button type="button">String to be printed on the button</button>

Image: <img src="fileName" alt="alt text">

Radio Button: <input type="radio" name="name\_of\_radio\_group" id="radSomething">

Select: <select id="selBlah">

 <option value="x">Etc</option>

 <option value="y">Etc</option>

 </select>

**Hex Codes for a few common colors:**

- Red: #ff0000

- Green: #008000

- Blue: #0000ff

**Some HTML entities:**

Copyright: &#169;

Trademark: &#8482;

Japanese Yen: &#165;

British Pound &#163;

**JavaScript:**

* parseInt(item);
* parseFloat(item);
* Math.sqrt(number) 🡪 returns the squre root of ‘number’
* Date() 🡪 I do not plan to ask questons involving Date() on the exam.
* If-else:

if ( conditional )

{

 Code…

}

else if (conditional )

{

 Code…

}

else

{

 Code…

}

**Apply a CSS Style Using JavaScript:**

document.getElementById("output").style.PROPERTY = "value";

//”PROPERTY” is a CSS property such as color, font-style, etc

//”value” refers to the value of a property such as “red”, “italic”, etc

**Showing/Hiding Using CSS with JavaScript:**

document.getElementById("ID\_NAME").style.visibility="visible";

//Set value of *visibility* to “hidden” to hide content

**Working with Videos:**

The ONLY video functions you need to know are play() and pause().

That is: I do not plan to include questions about video captions, timing, playback, speed, etc on the final exam. For the exam, you only need to know how to invoke play() and pause() on embedded videos.

**Link to external JS file**

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

**innerHTML Command**

document.getElementById("output").innerHTML = "some text";

**Adding an Event Listener**

document.getElementById("output").addEventListener("event", function);