Web Development Final Term Cheat Sheet

by sally sung via cheatography.com/216190/cs/47464/

CSS

Link Stylesheet	<link href="xxx.css" rel="stylesheet" />
Font	font-family: Arial, Verdana, sans-serif;
Text Decoration	text-decoration: type (none, underline, overline, line-through)
Text Transform	text-transform: type (capitalize, uppercase, lowercase, none)
Font Variant	font-variant : type (normal, small-caps)

CSS

Media Query (Max)	@media screen and (max-width: 480px) { ... }
Media Query (Min)	@media screen and (min-width: 769px) { ... }
Transformations (2D)	transform: rotate(30deg) scale(1.2);

CSS (cont)

Transitions	transition: color 1.5s ease-in 0.5s, font-size 2s ease, letter-spacing 2s ease-out, text-shadow 2s cubic-bezier(0.6, 0, 0.8, 0.5);
Keyframe	@keyframes spin { 0% {top: 0;} 100% {top: 100px;} }
Applying Animation	video { animation: spin 4s linear infinite; }
Control Animation (checked)	input#rotateVideo:checked ~ video { animation-play-state: running; }
Control Animation (not checked)	input#rotateVideo:not(:checked) ~ video { animation-play-state: paused; }

HTML1

Linking Files	<link href="style.css" rel="stylesheet" /> / <script src="script.js" defer></script>
Links (Email/Phone)	Email / Call
Ordered/Unordered Lists	- item / - item
Definition List	<dl><dt>Term</dt><dd>Definition</dd></dl>
Text (Importance/-Emphasis)	Important / Emphasized
Text (Citation/Quote)	<cite>Title</cite> / <q>Quote</q>

HTML2

Table Creation	<table><tr><th>Header</th><td>Data</td></tr></table>
Row/Column Span	<td rowspan="2" colspan="3">Merged Cell</td>
Table Groups	<thead>...</thead> / <tbody>...</tbody> / <tfoot>...</tfoot>
Table Caption	<caption>All Times Central</caption>
Multimedia	<audio controls> <source src="cp_overture.mp3" type="audio/mp3" /> <source src="cp_overture.ogg" type="audio/ogg" /> To play this audio clip, your browser needs to support HTML5 </audio>

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HTML3 (form + input)

Form	<form action="submit.php" method="post">...</form>
Input (Text/-Email/Tel)	<input type="text" name="name" placeholder="hint" /> / <input type="email" /> / <input type="tel" /> I
Input (Number/Range)	<input type="number" min="0" max="10" step="1" /> / <input type="range" />
Input (Radio/Checkbox)	<input type="radio" name="choice" value="A" checked /> / <input type="checkbox" name="option" />
Label + Input	<label for="visit">Date of visit</label><input name="visitDate" id="visit" type="date" />
Field Set	<fieldset id="custInfo">...</fieldset>

JavaScript

Strict Mode	"use strict";
Variable Declaration	var count = 0; / const MAX_VAL = 100;
Functions	function calculate(val) { return val * 2; }

JavaScript

Date Accessors	now.toLocaleDateString() / now.toLocaleTimeString()
Date Setters	dateObj.setFullYear(2025);
Math (Floor/Power)	Math.floor(3.9); / Math.pow(2, 3); (2 to the power of 3)
Math (Random)	Math.random();
Timed Execution	setTimeout("updateStatus()", 2000);

JavaScript (cont)

Timed Interval	setInterval("runClock()", 1000);
Loop (For Structure)	for (var i = 0; i < 10; i++) { commands }
Date Methods	getMinutes / getHours / getDate / getDay
Handling Illegal Operations	isNaN / isFinite
Sorting an Array	function ascending(a,b) { return a-b; }
Finding and Extracting Characters and Substrings	charAt / charCodeAt / indexOf / subString / replace

JavaScript - DOM

Javascript HTML DOM Events	<h2 onclick="changeText(this)">Click to change the text</h2>
Javascript HTML DOM Events	<h2 onclick="this.style.color='red'">Click to change the color</h2>
DOM Write (HTML)	element.innerHTML = "New Text";
DOM Write (Text)	element.textContent = "Plain Text";

JavaScript - Event

Onload	<body onload="welcomeMsgFun()">
Onmouseover& Onmouseout	<h2 id="demo4" onmouseover="function1()" onmouseout="function2()">Click this text</h2>
EventListener	document.getElementById("btn").addEventListener("click", displayDate);

JavaScript - Prompt & Confirm

Prompt	function func() { var person = prompt("Enter your name"); if (person != null) { document.getElemntById("demo2").textContent = "Hello " + person; } }
Confirm	function funcConfirm() { var text = "Press a button either OK or Cancel"; if (confirm(text) === true) { text = "You pressed OK!"; } else { text = "You Cancled!"; } }

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