

## Web Programming Cheat Sheet by Giver (sanoj) via cheatography.com/530/cs/228/

Introduction	
Internet	
WWW	
Client Server Model	
HTTP	Request, Response
HTTP Request	format,methodeetc
HTTP Response	

HTML	
Elements	Tags,Attributes
Styling	External,Internal,Inline
Links	<a>,<img/>etc</a>
Tables	rel Tags,Attributes
Lists	Unordered,Ordered,Definition
Forms	Method,Action,Form Elements
Frames	Diff Arrangements, Nested Frames
Basic Tags	<h1><b>etc</b></h1>
Events	onClick,onFocus,onLoad,onChangeetc
Qns:Create Resume Course Registration form	
etc	

XHTML	
Introduction	syntax,html vs xhtml, xmlns Attrib uteetc
XHTML Different Doctypes	1.0 Strict, 1.0 Transitional, 1.0 Frameset, XHTML 1.1

PHP	
Basics	Variables, Strings, Conditional statement s, Loops, Operators, Arrays, Datatypes, Fu nctionsetc
Form Handling	Validation,collecting values:-\$_GET,\$_PO ST,\$_REQUEST
Server Side Includes	include() ,require()
File Handling	open,close,read,write,upload
	restrictions on upload,Saving uploaded file
Sessions	Storing, Destroying
Adv Concepts	Ajax,Cookies,database connectivity,PHP XML DOM

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Qns:-validates the email address first then allows

visitors to login to site if they are found in database.

HTML5	
Basic	New Tags,Input types,Attributes
Drag and Drop	draggable attribute,dataTransfer Object:-s etData(),getData(),clearData()
	dragstart,dragend,drop,dragdatastoreite mlist
Canvas	<canvas>,getContext()</canvas>
	$context:-moveTo(), lineTo(), stroke(), fillRe \\ ct()etc$
Web Storage	diff with cookies,localStorage,sessionSt orage
Applic ation Cache	Manifest File-3 sections:-CACHE MANIFE ST,NETWORK ,FALLBACK
Web Workers	Use, Create &terminate Web Worker

css	
Style Sheet	External,Internal,Inline- Cascading oreder
Selectors	Class,Id,Attribute,Pseudo selectors and pseudo classes,Grouping and nesting of
Font	rel Properties and Values,Shorthands
Text	rel Properties and Values,Shorthands
Box Model	Margin,Border,Padding and properties of each
Table	Border,Border Collapseetc
CSS3->	Text Effects,2D &3D Transforms,Transit ions,Animations

Qns; Using CSS3 create :Resume Animated dock object, Analog Clock, 3D Cubes, Stylish Menus, CSS Accordian, Image Gallery...etc

SQL injection	
SQL	Basic concepts.
SQL Injection	What is sql injn, First Order sql Injection ,Second Order sql Injection
	prevention
Qns:-Demonstrate second order and Blind Injection	

XML		
XML Vs HTM	L Differences	
XML DTD	External,Internal	
XML with CS	S xml stlesheet	
CDATA,PCD	ATA	
keyword	ELEMENT,ATTLIST,ENTITY,N OTATION	
Entities	references&It< > >etc	
XML	Name conflicts	
namespaces		
Qns:DTD declaration of XML		
How to?	Internal,External	
JS Vs	-	

Javascript	
How to?	Internal,External
JS Vs JAVA	-
Basic	Variables, Strings, Conditional statement s, Loops, Operators, Arrays, Datatypes, Fu nctionsetc
User Intera ctivity	Alert,Promt,Confirmetc
Error Handling	TryThrowCatch
Objects	Create,access(using forin), rel Propertis and methods
Events	Event handlers, Timing eventsetc
Validation	Form, Emailetc
Cookies, Aj	ax
Access and Manipulate HTML DOM Objects,CSS	

JQuery	
Basic Concepts	syntax,ready function,Selectors,Event Functions,Effects,Filters, Callback functi on:-with or without args
	Overriding the \$-function ,Special Effect s,HTML & CSS manipulation
Adv Concepts	Ajax, Cookies,Pluginsetc
Plugins	Write own plugin, \$.extend(),Namespa cing.
	JQuery UI Widgets
Ajax	learn funs:-ajax,get,post, load,ajaxComple teetc

Qn:factorial of number, GCD, Binary equivalent etc

Qns:create various types of JQuery UI Widgets

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