

## Table of Contents

Lecture No	Contents	Page No
01	Introduction; Editors; Installing notepad++; First program; Executing program; Basic concepts / elements; Origin and current version; Exercises	7
02	style attribute; Comments; <i> and <em> elements; <blockquote>,<address>,<q> and <cite> elements; Exercises	11
03	Hyperlink, image, email link, button; Bookmark; Unordered list, ordered list; Exercises	16
04	<div> tag; Colors; Exercises	22
05	CSS; Exercises	27
06	Inline and block-level elements; <meta> tag; Exercises	31
07	Tables; Cell spacing, cell padding; Exercises	35
08	id; iframe; Exercises	40
09	Layout elements; Exercises	44
10	Computer code elements; <section> element; Exercises	49
11	list-style-position attribute; Table properties; Empty cells in a table; Exercises	53
12	Placing tables side-by-side; Forms; Exercises	59
13	Checkbox and dropdown list; Multiple select box;Uploading a file; Subscribing email; Exercises	64
14	Labelling form controls;<fieldset> element; Form validation;Form with date input; Exercises	70
15	for attribute of label;<th> scope attribute;line-height property; Spacing in text;Exercises	75
16	text-shadowproperty; First letter / line of text; Navigation bar; Vertical navigation bar;Exercises	81
17	Vertical navigation bar with link colour on hovering;Vertical navigation bar with link bordering;Horizontal navigation bar;Horizontalnavigation bar with floating list items;Exercises	86
18	Horizontalnavigation bar with link colour on hovering;Horizontalnavigation bar with link colour on hovering with one option on right side;Appearances of an element;:focus selector; Exercises	91
19	Link colours;Box shadow; Box dimensions; Box model; Exercises	96
20	Table with image and limited column widths;Overflowing contents;Border style;Setting a border; Exercises	101
21	Box with rounded corner;Ellipse;More on box with rounded corners; Exercises	105
22	Canvas with JavaScript;Line drawing;Circle drawing; Drawing a text; Exercises	111
23	flex property; flex-grow property; outline property; Styled inputs in a form; Exercises	115
24	Font Awesome icons;Container class;Larger icons;List icons;Exercises	121
25	Animated icons; Font Awesome; Displaying Font Awesome icons;Form with Font Awesome icons; Styling <hr> element; Exercises	126
26	Fixed width layout;Liquid layout; Multiple classes; Exercises	132

## Table of Contents

(Contd . . .)

Lecture No	Contents	Page No
27	Image alignment; Style image; Image as link; Responsive image; Exercises	138
28	Centering image; Image as background; Repeating background image; Centering background image once; Exercises	144
29	<main>element; Displaying currency symbols; Displaying favicon; Semantic elements; Exercises	149
30	Playing video; Autoplaying video; Playing audio;<object> element Exercises	154
31	Mandatory field; Same class with different elements; pattern attribute; HTML entities; Exercises	158
32	src attribute; <picture> element; Definition list; <marquee> tag; Exercises	162
33	list-style-type attribute for lists; List having image as bullet; Description list; Relative positioning; Exercises	167
34	Foreground colour; Background colour; Opacity; HSL and HSLA Colours; Exercises	172
35	Introduction to SVG;SVG circle drawing; SVG rectangle drawing; SVG rectangle drawing with opacity; SVG rectangle drawing with rounding corner; Exercises	177
36	SVG ellipse drawing; SVG line drawing; SVG polygon drawing; SVG polyline drawing; SVG versus Canvas; Exercises	181
37	resize property; Pagination; Pagination with hovering; Exercises	187
38	Playing YouTube video; Automatic numbering with counters; Website using W3.CSS properties; Website using W3.CSS and JavaScript; Exercises	192
39	Introduction to JavaScript; Change text by JavaScript; Change style by JavaScript; Change of attribute by JavaScript; Exercises	198
40	Introduction to XHTML;HTML versus XHTML; Minimum XHTML program; Introduction to XML;HTML versus XML; An XML program; Extensibility; Exercises	203
	<b>Appendix A:</b> Index of HTML Tags	206
	<b>Appendix B:</b> Index of CSS Properties	207
	<b>Appendix C:</b> Index of Programs	208
	<b>Index of Keywords</b>	214