

WEB TECHNOLOGIES

HTML

Document Formatting system-HTML elements-Tag rules-Basic HTML elements (Address element, Anchor element, Base element, Block quote element, Bold face and Italics element, Cite element, code element, List and Term element, Direction element.

Emphasis element, Heading element, Image element, IsIndex element, keyboard element, Line-Break element, Link element, MENU element, Meta-Information element, Paragraph element, Preformatted element, Rule element, Sample element, Strong element, HMP and Listing elements, Tele Type element – Characters, words and paragraphs – Fragment Identifiers – HTML forms – Forms element – Form data gathering (INPUT CHECKBOX, INPUT IMAGE, INPUT PASSWORD, INPUT RADIO, INPUT, RESET, SELECT, INPUT SUBMIT, TEXT AREA) – Public Text Identifiers (Address, Applet, Area, Base, Big, Body, Caption, Center, Cite, Code, DD, DL, DT, DFN, DIR, DIV, EM, FONT, FORM, H1 through H6 head, HR, IMG, INPUT, ISINDEX, KBD, L1, LINK, MAP, MENU, META, OL, OPTION, PARAM, PRE, SAMP, SCRIPT, SELECT, SMALL, STRIKE, STRONG, STYLE, SUB, SUP, TABLE, TD, TEXT, AREA, TEXT FLOW, TH AND TD, TITLE, TR, TT and UL elements) – Attributes (ACTION, ALIGN, ALINK, BACKGROUND, COMPACT, ENCTYPE, FACE, HEIGHT, HREF, EQUIV, MAXLENGTH, METHOD, MULTIPLE, NAME, NOSHADE, PROMPT, REL, REV, ROWS, ROWSPAN, SELECTED, SIZE, SRC, TEXT, TITLE, TYPE, USEMAP, href:\

DHTML

DHTML AND STYLE SHEETS: Defining Styles; Elements of Style; Linking a Style Sheet to an HTML Document; In-line Styles; External Style Sheets; Internal Style Sheets; Multiple Styles.

XML

XML Basics: The History Of XML;The Origins Of XML; Comparison Of XML And Html, Components of XML;

Anatomy Of An XML Document : A Sample XML Document; XML Declaration; The Root Element; An Empty Element; Attributes, Markup Delimiters; Element Mark Up; Attribute Mark Up; Naming Rules; Character References; Predefined Entities; Entity References; Cdata Sections; Processing Instructions.

Creating Wellformed And Valid Documents : XML And Structured Information; Document Type Declaration ; Wellformed And Valid Document; DTD And Validation;Internal DTD Subset ;External DTD; Developing The DTD ; Elements And Attributes Of DTDs; More About Elements; Empty Element; Element-Only Element; Mixed Elements; Any Element;More About Attributes; String Attributes; Enumerated Attributes; Tokenised Attributes; Creating A Valid Document From A DTD;

Styling XML With CSS: Cascading Style Sheet, XML, CSS And Web Browsers; Specifying CSS Properties; Classes; Id Attributes; Embedding CSS In XML

Rendering XML With XSL: Comparing XSL And CSS; Template Rules; The Default Template Rules; Formatting Objects; Layout Formatting Objects And Content Formatting Objects; Exploring XSL Style Sheets; Xslt Template Constructs