



**OCEONICITSOLUTION**

**PVT.LTD.**

**VARANASI**



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| **HTML**  What is HTML?   * What is a Web Browser? * What are Versions of HTML? * What can You Do with HTML? * HTML Development Environments * Writing Code with a Text Editor * Publishing Documents   **Review of HTML Elements** Rules of Syntax   * Making your Code Readable * Making your Code XHTML Compliant * Building a Document * Using Colors * Adding Color to your Page * Using Headings * Using Paragraphs * Aligning Block-Level Elements     **Inserting Spaces and Line Breaks**  Displaying Preformatted Text   * Formatting with Inline Elements * Controlling Fonts * Introducing List Elements * Creating Unordered Lists * Creating Ordered Lists * Nesting Lists   **What is an HTML Table?**   * Building a Table * Cell Padding and Cell Spacing * Controlling Table and Cell Width * Aligning a Table on the Page * Aligning Tables and Text * Aligning Table Data * Spanning Columns and Rows * Nesting Tables * Using Tables as a Design Tool       **2D Transforms**   * transform * matrix() * translate(x,y) * scale(x,y) * rotate(angle) * skew(x-angle,y-angle)     **3D Transforms**  transform   * transform-style * perspective * transform-origin     **Animations**   * @keyframes * animation * animation-direction * animation-duration * animation-name     **Selectors**   * CSS combinations * Pseudo Elements     **Gradients**   * Linear Gradients * Radial Gradients     **Multiple Columns**   * column-count * column-fill * column-gap * column-width * columns * column-rule * column-rule-color * column-rule-style * column-rule-width | **Creating a Hyperlink**   * Understanding and Using URLs * Linking to a Web Document * Linking to a Local Document * Linking to Anchors * Opening a New Browser Window     **Image Formats**   * Optimizing Image and File Size * Inserting Inline Images, ImageMap, Sprite Image * Aligning and Formatting Images * Using Images to Anchor Links * Creating a Look-and-Feel * Sizing and Scaling Images * Using Transparent Images * Using GIF Animation     **Forms and Controls**   * Forms , Form Elements * Form Actions, Form Methods , Form Design   **CSS 3**  **Introduction to CSS 3**  **Border**   * border-image * border-radius     **CSS Shadows**   * Text-shadow * Box-shadow   **Background**   * background-clip * background-size * background-origin * background-image   **Outline Transitions**   * transition * transition-delay * transition-duration * transition-property * Contrast * Grayscale * Hue-rotate * Invert * Opacity * Saturate * Sepia     **Media Query**   * What is Responsive Web Design * Intro to the Viewport * The Viewport Tag * Media Queries * Fluid Layouts * Tablet Styles * Mobile Styles * Making a Mobile Drop-down Menu * Responsive Images & Polyfills     **Web Fonts**   * @font-face * font-family * src * font-stretch * font-style * font-weight     **Flexbox**   * flex-grow * flex-shrink * flex-basis * flex * flex-wrap * flex-direction * flex-flow * justify-content * align-items * order |

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| * Assignment * Comparison * Logical * Relational * Ternary   **Conditional Statements**   * If else * if...else if...else * nested if * Switch   **Loops**   * While * do...while * for * for...in Statement * Break * Continue   **Functions**   * User-de ned Functions * Function Syntax * Function with Arguments * Returning Values from Functions * Built-in Function   **Events**   * Introduction * Mouse * Events * Keyboard Events * Form Events * Document/Window Events   **Built-in Objects**   * Number * Strings * Math * Arrays * Associative * Array * Array Properties and Methods * Date * Boolean * Regexp   **Introduction to OOP concept**   * Prototype, Module pattern * Argumenting type * Closure   **HTML5 FORMS**   * Modernizer * New Input Types   **HTML5 NEW FORM ATTRIBUTES**   * autocomplete * no validate   **HTML5 NEW FORM FIELD ATTRIBUTES**   * required * placeholder * autofocus * autocomplete * form * pattern   **NEW FORM ELEMENTS**   * datalist * progress and meter   **HTML5 WEB STORAGE**   * Overview of HTML5 Web Storage * Web Storage * Other Storage Methods   **HTML5 CANVAS**   * Getting Started with Canvas * Drawing Lines * Color and Transparency * Rectangles * Circles and Arcs * Quadratic and Bezier Curves * Images * Text   **INTEGRATED APIS**   * Offline Application API * Drag and Drop API   **BootStrap 4**  **Introduction**   * Introduction * Quick Styles After Dark | **JavaScript**  **Introduction to JavaScript**   * Syntax * Statements * Comments   **Enabling in various browsers Popup Boxes**   * Alert * Confirm * Prompt   **Variables Operators**   * Arithmetic * ES 6 Introduction * Let & Const * Arrow Functions * Class and Inheritance * Rest and Map Operators * Export & Import ω Modules   **JQuery**   * Getting Started with jQuery * Selecting Elements * Manipulating the Page * Traversing the DOM and Chaining * jQuery Utility Methods * Handling Events and Event Delegation ω AJAX, JSON and Deferreds * Enhancing with Animation Effects * Grids , Tables with Ajax , Pagination, JQuery UI * jQuery Best Practices   **HTML 5 Introduction**  **Laying out a page with HTML5**   * Page Structure * New HTML5 Structural Tag * Page Simplification   **HTML5 How we got here**   * The Problems HTML 4Addresses * The Problems XHTML Addresses * New Features of HTML5 * The HTML5 Spec(s) * Current State of Browser Support   **SECTIONS AND ARTICLES**   * The section Tag * The article Tag * Outlining ω Accessibility   **HTML5 AUDIO ANDVIDEO**   * Supported Media Types * The audio Element * The video Element * Accessibility * Scripting Media Elements * Dealing with Non-Supporting Browsers * Our First Web Page What's Inside? * Scripts and Styles * Core Concepts * Summary   **Layout with Bootstrap**   * Introduction Grid Layouts * Simple Layout * Fixed Grids * Fluid Grids * Responsive Design * Responsive Utilities * Inspiration * Summary   ***Everyday Bootstrap***   * Introduction * Typography * Tables * Forms * Buttons * Images and Icons * Summary   ***Bootstrap Component***   * Introductions * Drop down Menu * Buttons with Menus * Tabs and Pill * The Navbars * Heros, Badges, Labels, and Media * Summary   ***Bootstrap and JavaScript***   * Introduction * More Buttons * Modals * Tooltips and Popovers * Carousel * Summary     **Developing a MINI Project**  **Website Hosting** |