

UI Development Content

- **HTML 4**
- Overview of Web Development
 - ▶ Client-side Programming
 - ▶ Server-side Programming
- Types of Webpages
 - ▶ Static Webpage
 - ▶ Dynamic Webpage
 - ▶ Server Webpage
- Types Of Languages
 - ▶ Programming Languages
 - ▶ Scripting Languages
- Introduction To HTML
- Structure Of HTML
- Tag
 - ▶ Empty Tag
 - ▶ Container Tag
- Basic Tags
- Meta Tags
- Attributes & Parameters
- Comments
- Image tag
- Link Tags
- Image Link
- Text Link
- Email Link
- Marquee Tag
- List
 - ▶ Order List
 - ▶ Unorder List
 - ▶ Nested List
 - ▶ Definition List
- Table Tag
- Form tags
- Background Colors & Images
- Introduction To Doctypes
- HTML 5**
- What is HTML 5
- Overview of HTML 5
 - ▶ Browser Support
 - ▶ W3C and Web Hypertext Application Technology Working Group (WHATWG).
- Specifications
 - ▶ Power of HTML5 in web & mobile Domains
 - ▶ Overview of updated new features
- HTML5 Syntax
 - ▶ The DOCTYPE
 - ▶ Character Encoding
 - ▶ The <script> tag
 - ▶ The <link> tag
 - ▶ HTML5 Document
- Forms
 - ▶ color
 - ▶ date
 - ▶ datetime
 - ▶ datetime-local
 - ▶ email
 - ▶ month
 - ▶ number
 - ▶ range
 - ▶ search
 - ▶ tel
 - ▶ time
 - ▶ url
 - ▶ week
- Form Elements
 - ▶ <datalist>
 - ▶ <keygen>
 - ▶ <output>
- New attributes for <form>
 - ▶ autocomplete
 - ▶ novalidate
- New attributes for <input>
 - ▶ autocomplete
 - ▶ autofocus
 - ▶ form
 - ▶ formaction
 - ▶ formenctype
 - ▶ formmethod
 - ▶ formnovalidate
 - ▶ form target
 - ▶ height and width
 - ▶ list
 - ▶ min and max
 - ▶ multiple
 - ▶ pattern (regex)
 - ▶ placeholder
 - ▶ required
 - ▶ step
- Video and Audio
 - ▶ Media
 - ▶ <audio>
 - ▶ <video>
 - ▶ <source>
 - ▶ <embed>
 - ▶ <track>
 - ▶ plugins
 - ▶ Youtube
- HTML5 NEW ELEMENTS
 - ▶ <article>
 - ▶ <aside>
 - ▶ <canvas>
 - ▶ <details>
 - ▶ <figcaption>
 - ▶ <figure>
 - ▶ <footer>
 - ▶ <header>



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UI Development Content

- ▶ <hgroup>
- ▶ <main>
- ▶ <mark>
- ▶ <meter>
- ▶ <nav>
- ▶ <section>
- ▶ <summary>
- ▶ <time>
- Migration from HTML4 to HTML5
 - ▶ HTML5 Browser Support
 - ▶ HTML5 Elements as Block Elements
- Adding New Elements to HTML
- Problem With Internet Explorer
- HTML5 DEPRECATED TAGS
 - ▶ <acronym>
 - ▶ <center>
 - ▶
 - ▶ <frame>
 - ▶ <frameset>
 - ▶ <s>
 - ▶ <u>
- HTML5 DEPRECATED ATTRIBUTES
 - ▶ align-caption, iframe, img, input, legend, table, hr, div, h1, h2, h3, h4, h5, h6, p, td, th, and tr.
 - ▶ background-body
 - ▶ bgcolor-table, tr, td, th and body.
 - ▶ border table
 - ▶ cellpadding-table
 - ▶ cellspacing-table
 - ▶ hspace-img
 - ▶ vspace-img
 - ▶ noshade-hr
 - ▶ rules-table
 - ▶ size-hr
 - ▶ type-li, ol and ul
 - ▶ width-hr, table, td, th, pre.
- App Cache or Offline Applications
 - ▶ Browser Support
- Canvas Overview
 - ▶ Lines
 - ▶ Curves
 - ▶ font
 - ▶ Image
 - ▶ Paths
 - ▶ Shapes
 - ▶ Color, gradients
- Cascading Stylesheets (CSS2)**
- CSS
 - ▶ Introduction
 - ▶ Syntax
 - ▶ Advantages
- Types of Stylesheets

- ▶ External style sheet
- ▶ Internal style sheet
- ▶ Inline style
- Types of Selectors
 - ▶ Global
 - ▶ Class
 - ▶ Id
- Div's & Span tags
- Colors
- Background
 - ▶ background-color
 - ▶ background-image
 - ▶ background-repeat
 - ▶ background-attachment
 - ▶ background-position
- Font
 - ▶ font-family
 - ▶ color
 - ▶ font-size
 - ▶ font-style
 - ▶ font-variant
 - ▶ font-weight
- Text
 - ▶ Color
 - ▶ letter-spacing
 - ▶ Word-spacing
 - ▶ line-height
 - ▶ text-align
 - ▶ text-decoration
 - ▶ text-indent
 - ▶ text-transform
 - ▶ vertical-align
 - ▶ White-space
- Images
 - ▶ border
 - ▶ width
 - ▶ height
- Links
 - ▶ a:link
 - ▶ a:visited
 - ▶ a:hover
 - ▶ a:active

Lists

- list-style-type
- list-style-position
- list-style-image

Tables

Box Model

- Border & Outline
- outline
- margin
- padding

Advanced



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- Dimension
 - ▶ height
 - ▶ width
 - ▶ line-height
 - ▶ max-height
 - ▶ min-height
 - ▶ max-width
 - ▶ min-width

- Display
- Positioning
- Layers (Z-index)
- Floating
- Scrollbars
- Navigation Bar
- Image Opacity
- Image Sprites
- Attribute Selectors

Introduction to CSS3.0

- CSS 2.0 vs CSS 3.0
- Introduction to css3
- What is new in css3.0
- Border
 - ▶ box-shadow
 - ▶ border-image
 - ▶ border-radius
 - ▶ background
 - ▶ background-clip
 - ▶ background-origin
 - ▶ background-size
 - ▶ Multiple Background Images
- Gradients
 - ▶ Linear Gradients
 - ▶ Top to Bottom
 - ▶ Left to Right
 - ▶ Diagonal
 - ▶ Angles
 - ▶ Multiple Color Stops
 - ▶ Transparency
- Repeating-linear-gradient
- Radial Gradients
 - ▶ Evenly Spaced Color Stops
 - ▶ Differently Spaced Color Stops
 - ▶ Set Shape
 - ▶ Use of Different Size Keywords
 - ▶ closest-side
 - ▶ farthest-side
 - ▶ closest-corner
 - ▶ farthest-corner
 - ▶ repeating-radial-gradient
- Text effects
 - ▶ text-shadow
 - ▶ word-wrap
- @FONT Face

- ▶ Browser Support
- ▶ Font Formats
- ▶ Browser Support for Font Formats
- ▶ Using The Font
- ▶ Working with third party plugins

- Google fonts
- Box Resize
- Box Sizing
- Outline
- Transitions
 - ▶ transition
 - ▶ transition-delay
 - ▶ transition-duration
 - ▶ transition-property
- Animations
 - ▶ @keyframes
 - ▶ animation
 - ▶ animation-delay
 - ▶ animation-direction
 - ▶ animation-duration
- Selectors
- Multiple Columns
 - ▶ column-count
 - ▶ column-fill
 - ▶ column-gap
 - ▶ column-rule
 - ▶ column-rule-color
- User Interface
 - ▶ box-sizing
 - ▶ resize
 - ▶ outline-offset
 - ▶ resize

Javascript

- Introduction to javascript
 - ▶ Syntax o Statements
 - ▶ Comments
- Introduction to Client Side Scripting
- Introduction to Java Script
- Javascript Types
- Variables in JS
- Datatypes in JS
- Operators in JS
- Conditional Statements
- Java Script Loops
- JS Popup Boxes
- JS Events
- JS Arrays
- JS Objects
- JS Functions
- Operators
 - ▶ Arithmetic
 - ▶ Assignment
 - ▶ Comparison



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UI Development Content

- ▶ Logical
- ▶ Conditional
- Using Java Script in Realtime
 - ▶ JS Popup Boxes
 - ▶ Validation of Forms
- The DOM, Nodes, and Objects
 - ▶ Understanding the DOM
 - ▶ Adding nodes to the DOM
 - ▶ Deleting nodes from the DOM

Advance jQuery

- String
- Numbers
- Boolean
- Objects
- Arrays
- Functions
- Arguments
- Scope
- Built-in Functions
- JQuery – Selectors
- How to use Selectors?
 - ▶ jQuery – CSS Element Selector
 - ▶ jQuery – CSS Element ID Selector
 - ▶ jQuery – CSS Element Class Selector
 - ▶ jQuery Effects
 - ▶ jQuery Hide/Show
 - ▶ jQuery Fade
 - ▶ jQuery Slide
 - ▶ jQuery Animate
 - ▶ jQuery stop()
 - ▶ jQuery Callback
 - ▶ jQuery Chaining
- jQuery – DOM Attributes
 - ▶ Get Attribute Value
 - ▶ Set Attribute Value
 - ▶ JQuery – DOM
 - ▶ JQuery Events
 - ▶ Ajax
 - ▶ UI

Responsive Web Design(Bootstrap and apply media query)

- Twitter Bootstrap - Introduction
- Grid Systems in Bootstrap
- Components and form elements
- Slider animations in Bootstrap
- Bootstrap Plugins and its uses
- Media Attribute and Media Type Concepts
- Introduction to Media Queries
- Understanding CSS Box Model & CSS Resets
- Techniques to make Responsive Images
- Creating Responsive menu
- Creating Responsive Banner slider
- Creating Responsive Content area

- Creating Responsive Footer

Adobe Photoshop

- Introduction of Stock Photography
- Types of Images and Image Editing Tools
- Introduction to Adobe Photoshop
- Using Photoshop Tools
- Layers, Actions and Filters
- Creating Custom Effects

Angular Introduction

- One page application
- What is AngularJs Expressions
- What is Angular Directives
- Angular Controllers
- Angular Filters use
- Angular Http works
- Angular Tables
- Angular Modules
- Angular Forms
- Angular Validation(javascript)
- Angular Includes
- Angular Application



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