

Aceindus IT Training

JAVA UI Developer

USER INTERFACE DEVELOPMENT - COURSE CONTENT

Pre-requisites (what candidate should know before starting this course):

Advantage having idea on Internet , Web Pages would go

1. HTML and HTML 5

- Introduction
- HTML Example
- Comments
- Anchor Tag
- Tables
- Images
- List, OrderList and UnOrderList
- Div and Span
- marquee
- pre
- fieldset and legend
- Frames and IFrames
- HTML Registration Form
- Audio and Video
- HTML5 Responsive Design - Semantic Elements
- App Cache
- SVG and Canvas

2. CSS and CSS 3

1. Introduction

- 2. CSS Types
- a. Inline
- b. Internal
- c. External

3. Selectors
 - a. Element / Tag Selector
 - b. ID Selector
 - c. Class Selector
4. CSS - Example
 - a. Comments
 - b. Color
 - c. Background
 - d. Fonts
 - e. !important
 - f. border
 - e. line-height
 - f. opacity
 - g. visibility
5. BOX Model
6. Image Optimization - Spriting & Base 64
7. Rounded Corners
8. Gradients
9. Box and Text Shadows
10. Multi Columns

3. JQUERY

1. JQuery Introduction
2. JQuery Example
3. JQuery Selectors
4. JQuery Styles -
 - a. css
 - b. addClass
 - c. eq
 - d. filter
 - e. find
5. Animations
 - a. show
 - b. hide
 - c. toggle
 - d. fadeIn
 - e. fadeOut
 - f. fadeToggle
 - g. slideUp
 - h. slideDown
 - i. slideToggle
 - j. animate
6. Callback, Chaining and noConflict
7. DOM Manipulation
8. JQuery AJAX
 - a. load

- b. getJSON
- c. get
- d. post

4. JAVA SCRIPT

- Introduction
- Basic Example
- Variables
- Data Types
- Operators
- If & Switch Statements
- Loops - for, while, do..while
- Break & Continue
- Functions
- Inner HTML & Inner Text
- Object, Array, String, Number, Date
- Window, History, Navigator
- Validations using RegExp
- Prototype
- Closure
- JSON

5. ANGULARJS

- JavaScript
- Introduction to angularjs
- Directives
- Expressions
- Templates
- Working with forms
- Controllers and scopes
- Data Binding
- Routing
- Dependency injection
- Working with services
- AJAX, MVC
- **6. BOOTSTRAP**
- Introduction
- Web designing
- Html, CSS, JavaScript
- Helper classes
- Bootstrap CSS
- Bootstrap JavaScript plugins

7. XML

- Markup languages
- Rules, usage
- Dtd, schema
- XSD, XSLT

8. JSON

- What is JSON
- Comparison with XML
- Data types and Usage

Note: Apart from the above concepts one should know/learn basic .net/java/php

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