# Angular1.x

# Introduction to Angular

### Course introduction

### Why Angular JS

### Module introduction

### Angular architecture

### AngularJS dev environment setup

### Demo hello world

### Angular OCA registration application

### Angular versions

# AngularJS’s advantage

### Suitable for large applications in JavaScript

### Based on MVC for structuring your application

### Extends HTML

### Cross-browser compatible

### Testable from the ground up

# Controller & markup

### Controller’s introduction

### Angular controller and scopes

### Demo: Controllers

### Handling events in controllers

### Two way bindings & One ay binding

### Validations

# Angular Service/Factories

### Introduction to angular services

### Using Angular built in services

### Custom services

### Using $http angular service

### Using $resource service

### Using $compile service

### Using $timeout service

### Using $filter service

# Angular Routing

### Introduction to angular routing

### Single page application (SPA)

### Create first angular page for OCA

### Routing and browser history

### Creating default route

### $route service

### $location service

### UI router

# Directives & custom directives

### Introduction to directives

### Using in-built directives

### Creating custom directives

### Isolating directive scope

### Isolated binding in directive

### Shared directives to controllers

### Transclusion

### Using compiling to transform DOM

### DOM manipulation in directive

# Testing /End to end testing

### Introduction testing

### Creating angular environment for testing

### Testing controller in Angular

### Testing services

### Testing AJAX services

### Testing filterers

### Testing Directives

### End to end testing overview

### Setting up protector

### Complete Angular end to end testing

# HTML5

# Introduction

### Why Web Development

### What is markup ?

### What is HTML?

### HTML Tags

### Web Browsers

### The <!DOCTYPE> Declaration

### HTML Documents

### HTML Headings/Paragraphs

# Designing a website

### Semantic HTML

### What tags needs to use

### DOM structuring

### HTML Tags

### Saving an HTML page

### HTML Forms

### Cross browser compatibility

### HTML images

# Page formatting

### Adding new paragraph

### Line break

### Inserting blank space

### Page background color

### Using div element

# Text item and Objects

### Comments

### Heading

### List

### DOM formatting (bullets)

# Page Navigations

### Hyper links

### Text links

### Hover links

### Linking to email address

# Images

### Introduction on using image in DOM

### Rendering image

### Resize image

# Tables

### Creating in page

### Creating border on table

### Table header and data

# Formats

### Creating basic form

### Adding inputs

### Submit buttons

### Dirty checking

# Video and Audio

### Introduction on HTML5 video /Audio tags

### Creating basic player for Audio/Video

### Play YouTube video

# Cascading Style Sheets (CSS)

# Cascading Style Sheets

### What is CSS

### CSS syntax

### External CSS

### ID & Class

### Inline CSS

### CSS exercise

# Apply CSS in text

### Emphasizing text

### Decoration

### Transformation

### Alignment

### Fonts size and colors

### Margin

### Padding

### Borders

### Numbers and bullets

### Shadowing

# Background by CSS

### Colors

### Image

### Fixed/scale images

### Exercise

# Images in CSS

### Opacity

### Floats

### Clears float

### Images galleries

### Image sprite

# Box Model in CSS

### What is Box model

### Margined

### Padding border

### Outline

# Element in CSS

### Display/Visibility

### Grouping/Nesting

### Positioning

### Floating

### Pseudo classes/pseudo elements

# CSS Tables

### Table borders

### Width and cell element

### Table padding

### Table text style

# Transformation in CSS

### What is transform

### 2D transform

### 3D transform

# Transition and animation

### Transition

### Animations

# Bootstrap

# Introduction

### HTML5 Doctype

### Device viewport

### Typography and links

### Containers

# Grid system

### Introduction

### Media queries

### Grid options

### Stacked horizontal

### Fluid container

### Mobile and desktops

### Column wrapping

### Responsive column reset

### Nesting column

### Column ordering

# Typography

### Headings

### Inline text elements

### Underlined text

### Small text

### Bold

### Alignment classes

### Transformation classes

### Abbreviations

### Addresses

### Initialism

### Block quote options

### Lists

# Tables

### Basic example

### Striped rows

### Bordered table

### Hover rows

### Contextual classes

### Responsive table

# Forms

### Basic form

### Inline form

### Horizontal form

### Textaria

### Checkbox and radio

### Selects

### Focus state

### Disable state

### Read only state

### Form validation

# Buttons

### Tags

### Options

### Sizes

### Active state

### Disable state

# Image

### Responsive

### Shapes

# Helper classes

### Contextual colors

### Contextual backgrounds

### Close icon

### Carets

### Quick floats

### Clearfix

### Hiding & Showing

### Navigation content

### Image replacement