Angular 2 Course Content

# # Hello World app

Creating the first app from the scratch manually

Usage of Angular CLI component builder

Seting up a development server

# # Main angular elements

Creating Components

Using Components

Templates

Services

Dependency Injection

Modules

Working with Modules

Directives

# # Displaying Data and Handling Events

Property Binding

Class Binding

Style Binding

Event Binding

Two-way Binding

# # Building Re-usable Components

Component API

Input Properties

Output Properties

Templates

Styles

# # Controlling Rendering of HTML

ngIf

ngSwitch

ngFor

Pipes

Creating Custom Pipes

ngClass

ngStyle

Safe navigation operator

ng-content Element

# # Building Forms with Basic Validation

Building a Basic Form

Control and ControlGroup

ngControl

Showing Validation Errors

Showing Specific Validation Errors

ngForm

Disabling Submit Button

# # Building Forms with Complex Validation

Building a Basic Form

Creating Controls Explicitly

Using FormBuilder

Implementing Custom Validation

Async Validators

Showing a Loader Image

Validating Upon Form Submit

# # Introduction to Reactive Extensions

Reactive Extensions

Callback Hell

Observables

Creating Observables

Using Observable Operators

Transforming Observables

Cancelling Subscriptions

Importing Operators

# # Connecting to the Server

A Simple RESTful API

Getting Data from the Server

Sending Data to the Server

Dependency Injection

Component's Lifecycle Hooks

Static Type Checking

Showing a Loader Icon

Using Promises

Accessing Cross-Domain Resources

# # Building Single Page Apps

Enabling Routing

Configuring Routes

Router Outlet

Adding Links

Route Parameters

Imperative Navigation

Implementing Dirty Checking

Structuring Large Apps

# # Router Module

Basic Routes

Parameterized Routes

Feature Module Routes

Route Guards

Route Guards: CanActivate

Route Guards: CanDeactivate

Adding a Navbar

Setting Up a Basic SPA

# # Deploying

Configuring deploy

Building

Seting up environments