



12. Scripting Language

12.1 Angular JS

Prerequisites:

1. HTML CSS
2. JavaScript

Duration: 30 Lectures

Course Content:

1. Introduction

- 1.1. Introduction to Angular.JS
- 1.2. Difference between Angular and Other JQuery Frameworks
- 1.3. Advantages of Angular
- 1.4. DOM Elements

2. Angular Setup

- 2.1. Installing Angular JS
- 2.2. Configuration of Angular JS
- 2.3. Structure of an Angular JS Application

3. Angular Architecture

- 3.1. Creating Boundaries using ng-app
- 3.2. Data Binding – one way binding and two way binding
- 3.3. Repeating elements using ng-repeat
- 3.4. Using Expressions and NG-Class
- 3.5. Using Controllers
- 3.6. Adapting to model changes

iFLAME INSTITUTE PVT. LTD.



4. Angular.js Building Blocks

- 4.1. View Component
- 4.2. Angular JS Scopes
- 4.3. Controller Component
- 4.4. Directives
- 4.5. Filters
- 4.6. Services

5. Using Filters

- 5.1. Understanding Filters syntax and expression
- 5.2. Building your own custom Filters

6. Services

- 6.1. Services Syntax
- 6.2. Understanding Services Injecting Concepts

7. Directives

- 7.1. Understanding Directives Syntax
- 7.2. Directive Definition Object for your custom defined syntax
- 7.3. How to link directives
- 7.4. Components Creation

8. Understanding Server Communication

- 8.1. Communicating through \$http
- 8.2. PUT
- 8.3. POST
- 8.4. GET
- 8.5. PATCH
- 8.6. JSON Conversion
- 8.7. Understanding Http Headers
- 8.8. Understanding Caching Responses
- 8.9. Request and Response Transformation



8.10. Using RESTFUL Resources

9. Angular Localization

9.1. Building Syntax using Localization

9.2. Creating JSON File for Localization

10. Testing your Angular Application

10.1. Testing using Jasmine & Testing using Karma

iFLAME INSTITUTE PVT. LTD.