

# SCRIPTING



## 1. Introduction to AngularJS

- Concepts
  - Client-Side Templates
  - Model View Controller (MVC)
  - Data Binding
  - Dependency Injection
  - Directives
- An Example: Shopping Cart
- Up Next

## 2. Anatomy of an AngularJS Application

- Invoking Angular
- Model View Controller
- Templates and Data Binding
- Organizing Dependencies with Modules
- Formatting Data with Filters
- Changing Views with Routes and \$location
- Talking to Servers
- Changing the DOM with Directives
- Validating User Input
- Moving On

## 3. Analyzing an AngularJS App

- The Application
- Relationship Between Model, Controller, and Template
- The Model
- Controllers, Directives, and Services
- The Templates
- The Tests

## 4. Communicating with Servers

- Communicating Over \$http
- Unit Testing
- Working with RESTful Resources
  - The Declaration
- The \$q and the Promise
- Response Interception
- Security Considerations

# JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act,1956

DEPT OF COMPUTER SCIENCE  
&  
INFORMATION TECHNOLOGY

## Certificate Program

On

## Frontend Development [Organized By Dept of M.Sc(IT)]

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### Industry Trainers

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KNOWLEDGE CAMPUS

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# UI FRAMEWORK



- Download
- What's included
- Compiling CSS and JavaScript
- Basic template
- Examples
  - Using the framework
  - Navbars in action
  - Custom components
  - Experiments
- Community
- Disabling responsiveness
- Browser and device support

# DESIGN



SASS  
(Syntactically Awesome Style Sheets):

- Introduction
- Installation
- Preprocessing
- Variables
- Nesting
- Partials
- Import
- Mixins

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