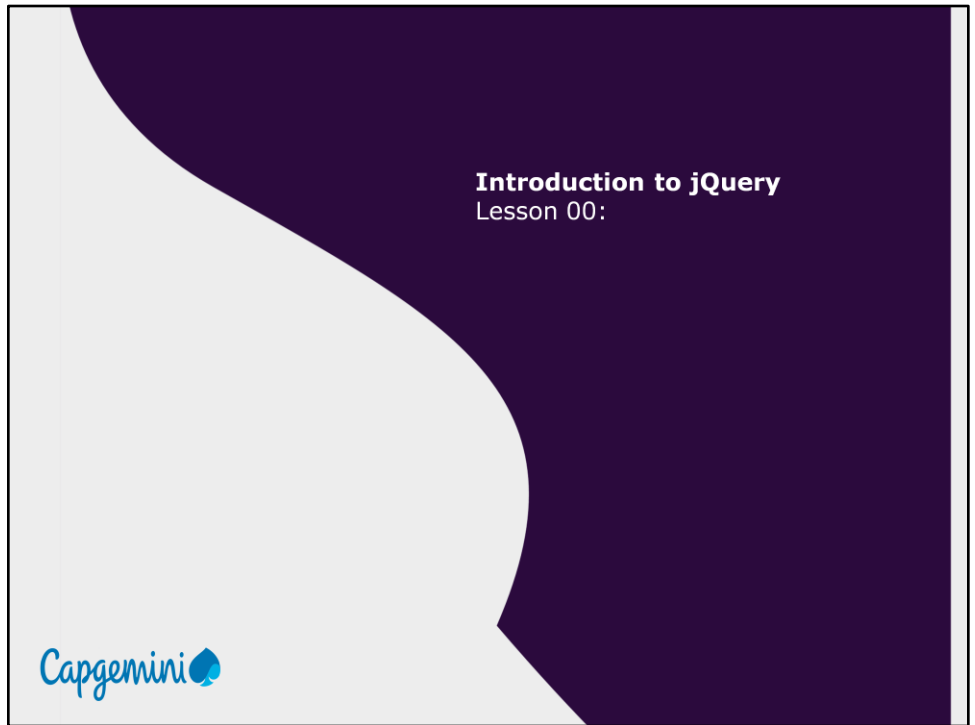


**Instructor Notes:**



**Instructor Notes:**

## Course Goals and Non Goals



- Course Goals
  - Develop UI for Web Applications using jQuery
- Course Non Goals
  - Ajax, Creating Web Services and RESTful Services

**Instructor Notes:**

## Pre-requisites



- HTML, Java Script & CSS

**Instructor Notes:**

## Day Wise Schedule



### ■ Day 1

- Lesson 1: jQuery Fundamentals
- Lesson 2: Using jQuery Selectors
- Lesson 3: Working with JSON
- Lesson 4: Interacting with the DOM
- Lesson 5: Handling Events

**Instructor Notes:**

## Intended Audience



- Web Application Developers

**Instructor Notes:**

## Table of Contents



- Lesson 1: jQuery Fundamentals
  - 1.1. jQuery Introduction
  - 1.2. Why jQuery?
  - 1.3. About jQuery.com
  - 1.4. Using jQuery
  - 1.5. Content Delivery Network(CDN)
- Lesson 2: Using jQuery Selectors
  - 2.1. Introduction to Selectors
  - 2.2. Tag Selectors
  - 2.3. ID Selectors
  - 2.4. Class Selectors
  - 2.5. Attribute Selectors
  - 2.6. Form Element Selectors
  - 2.7. Using Filters in Selector

**Instructor Notes:**

## Table of Contents



- Lesson 3: Working with JSON
  - 3.1. JSON Introduction
  - 3.2. JSON Types
  - 3.3. Working with JSON Object
  - 3.4. Using JSON in jQuery
- Lesson 4: Interacting with the DOM
  - 4.1. Iterating Through Nodes
  - 4.2. Working with Attributes and DOM Content
  - 4.3. DOM Insertion and Removal
  - 4.4. Working with Classes

**Instructor Notes:**

## Table of Contents



- Lesson 5: Handling Events
  - 5.1. Introduction
  - 5.2. jQuery Event Model Benefits
  - 5.3. Attach and detach Events from DOM Elements
  - 5.4. Triggering Events
  - 5.5. Passing data through events



**Instructor Notes:**

## References



- Visual Quick Start Guide jQuery by Steven Holzner
- jQuery in Action by Bear Bibeault and Yehuda Katz
- Learning jQuery 1.3 by Jonathan Chaffer and Karl Swedberg