# Protractor

## Installation

- ✓ Pre-requisites
- ✓ Installing JDK AND Node.JS
- ✓ Installing Protractor on Windows
- ✓ Sublime Test IDE and Configuring build system
- ✓ Running the first Protractor Test
- ✓ Installing Eclipse and Turn Plug-in

## Protractor Basics

- ✓ Selenium Web Drive vs. Protractor
- ✓ Architecture
- ✓ Understanding the Conf.js file
- ✓ Understanding Describe and It blocks and writing test cases
- ✓ Adding validations using Jasmine Expect

## Jasmine Basics

- ✓ Introduction to jasmine and basic features
- ✓ BeforeEach and AfterEach
- ✓ Expect toBe and not toBe
- ✓ Expect toEqual toMatch and toEqual
- ✓ Creating Test Suites and running selective / all test cases

## Locators

- ✓ About Angular Js Locators
- ✓ By Model, By ClassName By ButtonText
- ✓ By Binding, By ID
- ✓ By Repeater
- ✓ By Add locators
- ✓ Select Wrapper Class

## Utilities

- ✓ Generating Logs
- ✓ Generating Jasmine2 HTML Reports
- ✓ Generating Allure Reports
- ✓ Installing Maven and Generating HTML Reports
- ✓ Understanding Package.json file and its Usage

## Data Driven Testing

- ✓ Reading data and locators through JSON files
- ✓ Parameterization using Jasmine Data Providers
- ✓ Reading Excel files

## E2E testing on AngularJS Banking Application

- ✓ Automating Customer Login
- ✓ Automating Bank Manager Login

## Page Object Model - Framework (Live Project)

- ✓ Automating Customer Login
- ✓ Introduction To pages object Model
- ✓ Creating Architecture and adding business pages
- ✓ Adding More Business Pages and Test Cases
- ✓ Adding the Page object design patters
- ✓ Adding common JSON file for locator and test Data

## Handling Non-Angular Elements

- ✓ Automating a Login Window
- ✓ Handing Tabs and popup