Angular JS – lab setup

Using ‘Eclipse IDE’, how to develop angular JS applications.

**Download List**

1. Download latest JDK version ( **Required For Eclipse** )

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

1. Download latest Eclipse IDE for JEE Developers ( **IDE** )

<http://www.eclipse.org/downloads>

1. Install **nodeclipse** plug-in on eclipse ( **special plug-in for eclipse for JS Development** ) <http://www.nodeclipse.org>
2. Download NodeJs ( **For Server-side Platform** )

<https://nodejs.org/download>

1. Download Angular Framework **( JS Framework**)

<https://angularjs.org>

1. Download Bootstrap ( **optional** )

<http://getbootstrap.com/getting-started/#download>

Install steps

1. Install NodeJs ( follow screen instructions )

(It also install ‘NPM’ tool, to download ‘node modules’)

1. Install JDK
2. Extract eclipse ZIP file
3. Run Eclipse
4. Install ‘Nodeclipse’ plugin , by dragging install link from <http://www.nodeclipse.org> into eclipse title bar , follow screen instructions , after plugin installed restart eclipse.

Creating Project

If we choose NodeJs as Server Platform

1. Switch the eclipse to ‘Node’ perspective
2. Create Node project
3. Create ‘package.json’ file with required Node modules. ( see my sample project )
4. Right-click ‘package.json’ file , Run-as 🡪 click , NPM install, which will download all required node Modules.
5. Finally create Server Javascript file with proper port configuration.
6. And include all JS and CSS files in project directory
7. Create HTML page and configure and continue.

Or

Create Web Project with web-page (index.html) by anyway , and follow training guidelines to use Angular Js.