**Pre-requisite:**

Node js

Protractor – download it globally with “npm install -g protractor” on command line.

Eclipse – Install Tern plugin from eclipse market place and then configure the project to Tern project and install modules/dependencies like Jasmin, Angular JS, browser and browser extension, Node js.

**How to Run:**

1) Import the project.

2) On command prompt, write “webdriver-manager update” to get an instance of Selenium server.

3) Start the server with “webdriver-manager start” on command line.

4) Run the test on command prompt with “protractor config.js”.

**The reason for choosing this solution:**

* I have chosen Tern Eclipse IDE solution for protractor test script. Eclipse IDE is open source and it is a better solution when the automation framework grows. Tern is a standalone code analysis engine that provides features like automatic refactoring, function arguments hints, autocompletion of variables and properties etc.
* Used Page Object Pattern to reduce code redundancy, easy maintenance, reusability, code optimization etc.
* Used comments in the code for easy understanding to know what each step is doing.