Karma:

In AngularJS, testing is normally carried out using Karma (framework). Angular JS testing can be carried out without Karma, but the Karma framework has such a brilliant functionality for testing AngularJS code, that it makes sense to use this framework.

Installation: Karma needs node js

npm install karma karma-chrome-launcher karma-jasmine

jasmine because: karma is dependent on jasmine.

There are 3 libraries being specified in the command line that are required to work with karma.

* + karma is the core library which will be used for testing purposes.
  + karma-chrome-launcher is a separate library which enables karma commands to be recognized by the chrome browser.
  + karma-jasmine – This installs jasmine which is a dependent framework for Karma.

npm install karma-cli

karma -init -> this will create a karma-config.js which contains the information of the karma project.

To verify if karma is installed and working properly:

Create a simple file called sample.js:

describe('Sample test', function() {

it('Condition is true', function() {

expect('AngularJS').toBe('AngularJS');

});

});

And test it as

Karma sample.js OR

Karma start