**Mocha:**

* Mocha is a JavaScript test framework that runs on both node.js and the browser.
* Mocha is significantly more flexible.
* This flexibility is great because you can build the test environment that you really want. But it means you have more work to do, more individual pieces to maintain / keep up to date, etc
* Mocha has a [browser build](http://visionmedia.github.io/mocha/#browser-support) as well as a node command line program so you can test in client and server side environments.

**Advantages:**

* Makes asynchronous testing extremely easy
* Supports different assertion libraries.

you can choose which assertion format works best for you. Mocha most often is run in combination with assertion library [Chai](http://chaijs.com/).

* Custom full color test reporters

**conclusion  :**

* Mocha tests run serially, allowing for flexible and accurate reporting.

**JASMIN**

* Jasmine is a BDD framework for testing JavaScript code.
* It does not depend on any other JavaScript frameworks. It does not require a DOM. And it has a clean, obvious syntax so that you can easily write tests.
* Jasmine is easier to get started – it’s all-in-one package will generally get you and a team up and testing much faster
* Has a very readable and user-friendly syntax
* It is run on any JavaScript-enabled platform .not on IDE.

**KARAM**

* A test runner for Javascript.
* The aim of the is "to provide an environment where developers can just write the code and get instant feedback from their tests"

Advantages:

1.you can test you are code in different environment.

2.extensible.

Use other framework also like mocha ,jasmine

* It is very well suited to testing [AngularJS](http://angularjs.org/) or any other JavaScript projects
* ,Karma is highly configurable, integrates with popular continuous integration packages (Jenkins, Travis, and Semaphore) and has excellent plugin support.