Mocha

Nom install -g mocha // install mocha globally

```javascript
var assert = require('assert');

describe('Basic Mocha Test', function(){
    it('should throw errors', function(){
        assert.equal(2,3);
    })
});
```

```javascript
function AuthController(){

    function isAuthorized(roles, neededRole){
        return roles.indexOf(neededRole) >= 0;
    }
    return {isAuthorized};
}

module.exports = AuthController();
```

```js
assert = require('assert');
authController = require('../../controllers/auth.controller');

ribe('AuthController', function(){
describe('isAuthorized', function(){
    it('Should return false if not authorized', function(){
        assert.equal(false, authController.isAuthorized(['user'], 'admin'));
    })
    it('Should return true if authorized', function(){
        assert.equal(true, authController.isAuthorized(['user', 'admin'], 'admin'));
    })
})
})
```

Testing Async

```js
function AuthController(){

    function isAuthorized(roles, neededRole){
        return roles.indexOf(neededRole) >= 0;
    }

    function isAuthorizedAsync(roles, neededRole, cb){
        setTimeout(function(){cb(roles.indexOf(neededRole) >= 0)}, 0);
    }
    return {isAuthorized};
}

module.exports = AuthController();
```