**\*\*We use ng test command to test our test cases written in our angular application. When we run this command, angular opens chrome browser along with all the test cases displayed.  
  
  
Q: How can we check our test-cases in Firefox too?**

1. **Go to karma.conf.js and within plugins array add below require statement**

require('karma-firefox-launcher'),

1. **Then in same file, go to browsers array which is at bottom and add Firefox:**

browsers: ['Chrome', 'Firefox'],

1. **Now install firefox launcher using npm command:  
   npm install karma-firefox-launcher --save-dev**

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**Test 1)**

describe('hellotestcase', () => {

let expected = '';

let notExpected = '';

beforeEach(()=>{

expected = 'hellotest';

notExpected = 'hellotest1'

})

afterEach(()=> {

expected = '';

notExpected = '';

})

it('should check if hellotest is hellotest',

()=> { expect('hellotest').toBe(expected)

});

it('should check if hellotest is not be hellotest1',

()=> { expect('hellotest').not.toBe(notExpected);

});

} )

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**Test 2) Testing function written in service class:**

**First we need to import service within spec.ts file**

import { TestService } from './test.service';

**test-case:**

describe('TestService', () => {

beforeEach(() => {

TestBed.configureTestingModule({

providers: [TestService]

});

});

it('should be created', inject([TestService], (service: TestService) => {

expect(service).toBeTruthy();

}));

it('should have add function',

inject([TestService], (service: TestService) => {

expect(service.add).toBeTruthy();

}));

it('should add correctly',

inject([TestService], (service: TestService) => {

expect(service.add(1,2)).toEqual(3);

}));

});

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**Test 3) Testing function written in component class:**

**First import your component in spec.ts file**

import { ComputeTestComponent } from

'./compute-test.component';

**Now write your test-cases as follows:**

describe('ComputeTestComponent', () => {

let component: ComputeTestComponent;

let fixture: ComponentFixture<ComputeTestComponent>;

beforeEach(async(() => {

TestBed.configureTestingModule({

declarations: [ ComputeTestComponent ]

})

.compileComponents();

}));

beforeEach(() => {

fixture = TestBed.createComponent(ComputeTestComponent);

component = fixture.componentInstance;

fixture.detectChanges();

});

it('should create', () => {

expect(component).toBeTruthy();

});

it('should return 0 if it is negative', ()=> {

const result = component.compute(-1);

expect(result).toBe(0);

})

it('should return 0 if it is NEGATIVE', ()=> {

const result = component.compute(-1);

expect(result).toBeLessThan(1);

})

});