Assignment 2

**Ans 1 :**

**Jasmine**

Jasmine is bdd testing framework. Among its advantages the main once are that it dosen’t rely on othe Javascript framework, and it also dosen’t require a DOM. One of the main goal of jasmine is provide an easy syntax, allowing you to write test more easily. Jasmine is default test framework used with angular. It shape with angular CLI by defaultwith such low friction require to use it.

**Karma**

Karma is test runner for Javascript. Along with jasmine, karma is one of the default running tool for angular.but nothing you stops from replacing Jasmine with another framework since karma is testing framework agnostic. It’s also designed to offer simple integration with tool like jankins or travis allowign you to integrate to into you CI pipeline seamlessly. Finally. You can easily control your terminal or your IDE. Neet to run a standlone application or another tool.

**Ans 2 :**

1 .

it('should create the app', () => {

    const fixture = TestBed.createComponent(AppComponent);

    const app = fixture.debugElement.componentInstance;

    expect(app).toBeTruthy();

  });

2.

 it('form should be valid', async(() => {

    userInfo.controls['email'].setValue('');

    expect(userInfo.valie).toBeFalsy();

  }));

3.

it('shoud have one user', async(() => {

    expect(userInfo.length).toEqual(1);

  }));

4.

it('shoud have text content page', async(() => {

    expect(userInfo).toEqual('content page');

  }));

5.

it('should set submitted to true', async(() => {

    userInfo.submit();

    expect(userInfo.submit).toBeTruthy();

  }));