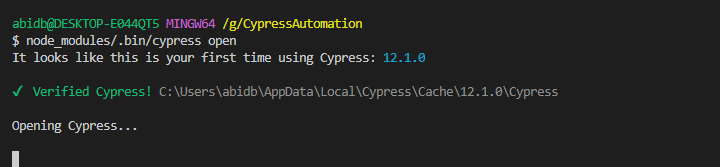
npm init -y  
  
npm install cypress –save –dev  
  


**1. Navigating to the url- visit**describe("My First Test Suite", () => {

   it("verify title-positive", () => {

      //test step

      cy.visit("https://opensource-demo.orangehrmlive.com/");

      cy.title().should('eq', "OrangeHRM");

   });

   it("verify title-negetive test", () => {

      //test step

      cy.visit("https://opensource-demo.orangehrmlive.com/");

      cy.title().should('eq', "OrangeHRM12344");

   });

   // every test block is representing the test case

});

2. Through command line, Cypress runs in headless in electron browser

./node\_modules/.bin/cypress run -🡪 headless testing

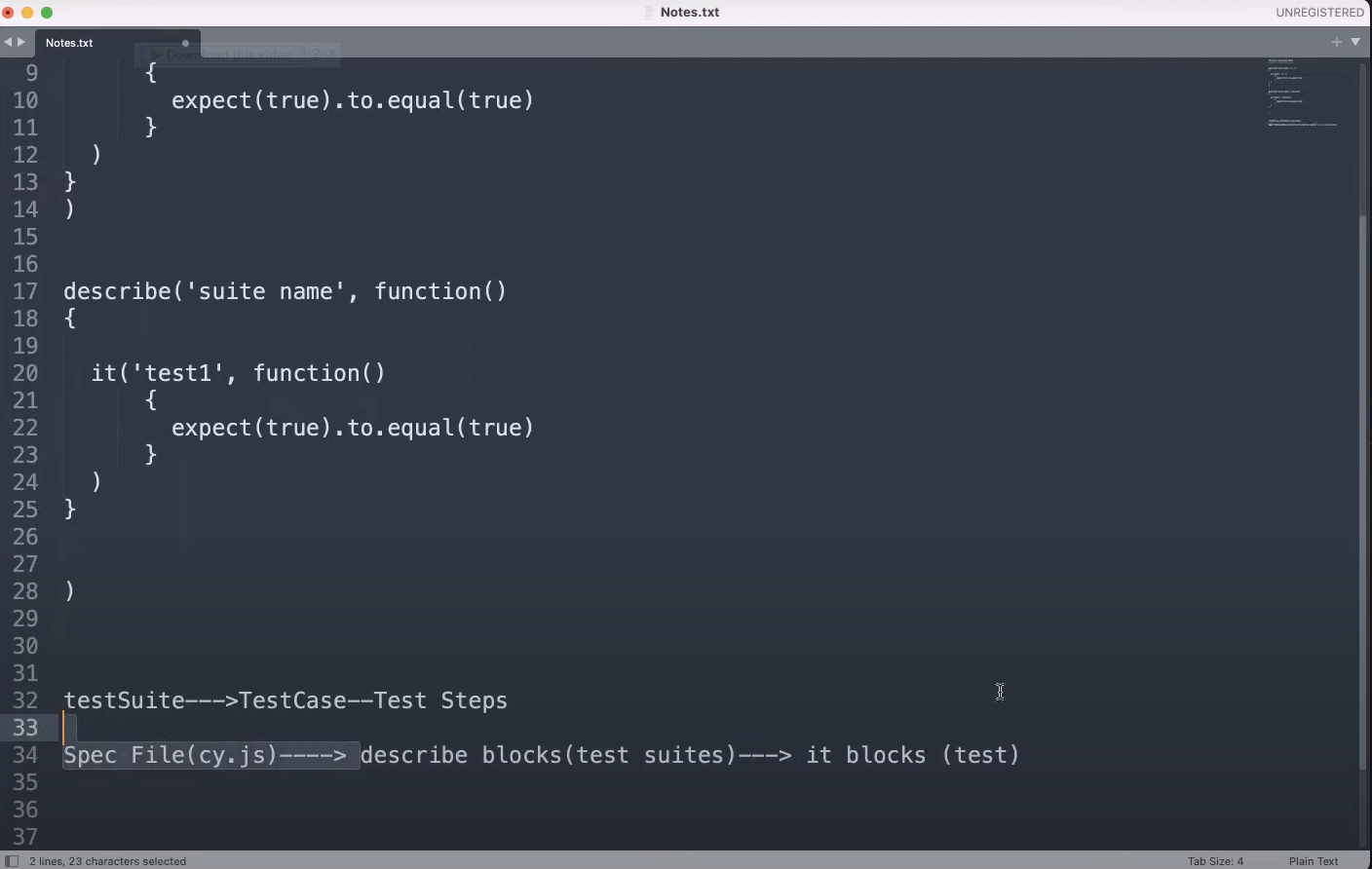
./node\_modules/.bin/cypress run –headed 🡪 with header testing

npx cypress open

npx cypress run

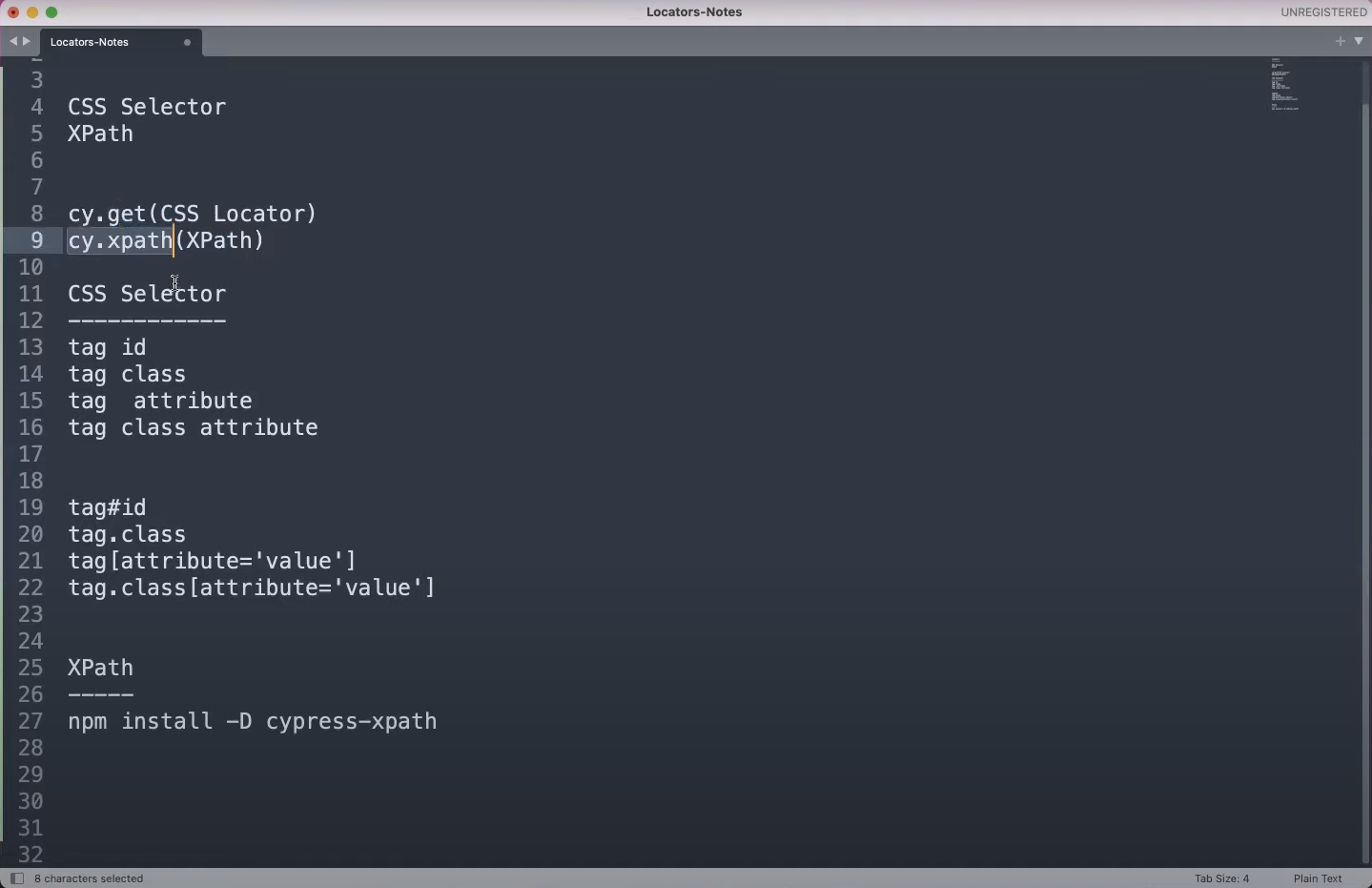
npx cypress run –headed

npx cypress run --spec cypress\e2e\3-first-test\Test1.cy.js 🡺 specific file  
  
npx cypress run --browser chrome 🡺 specific browser chrome –headed

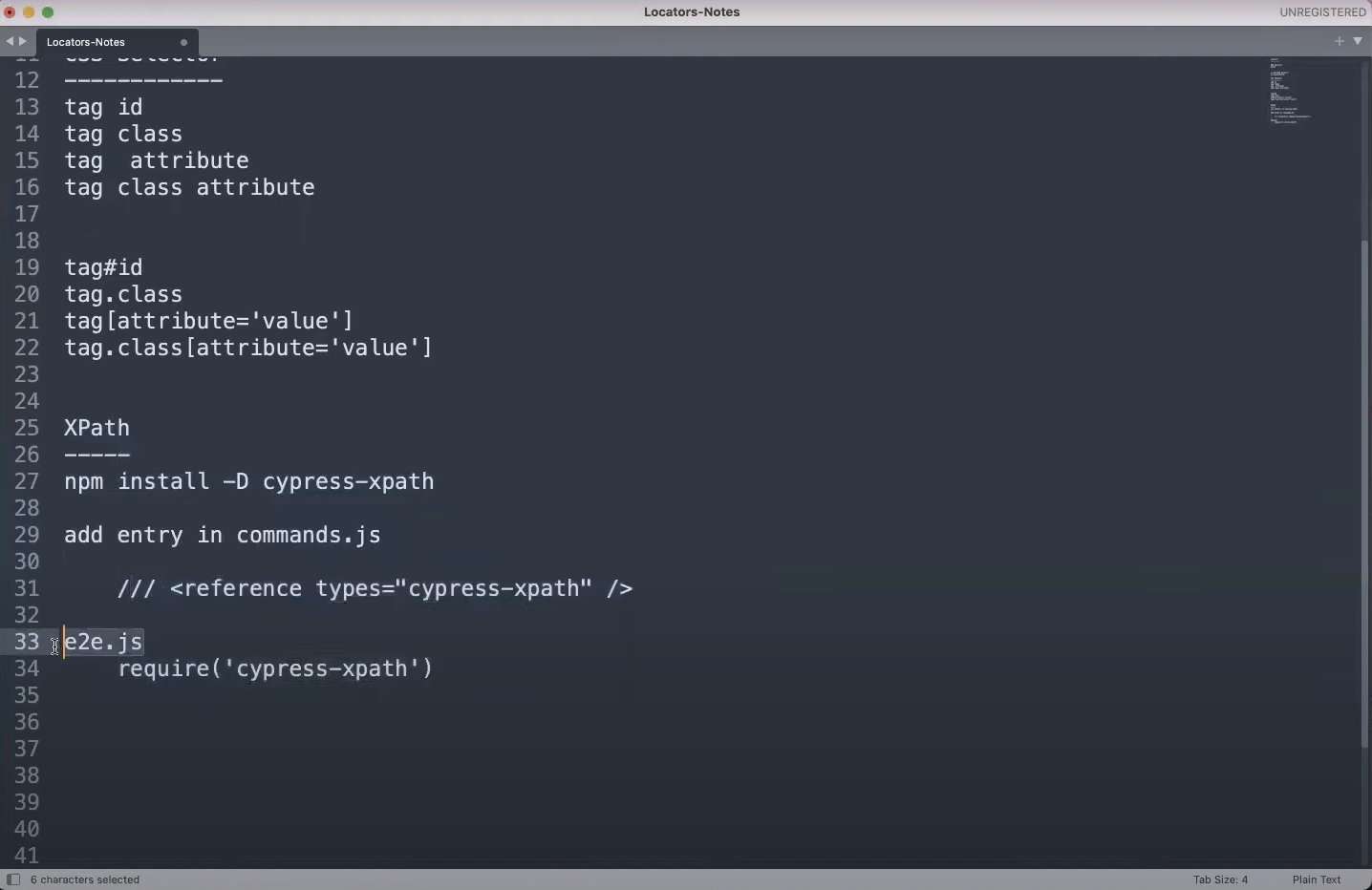


Locators   
CSS Selector

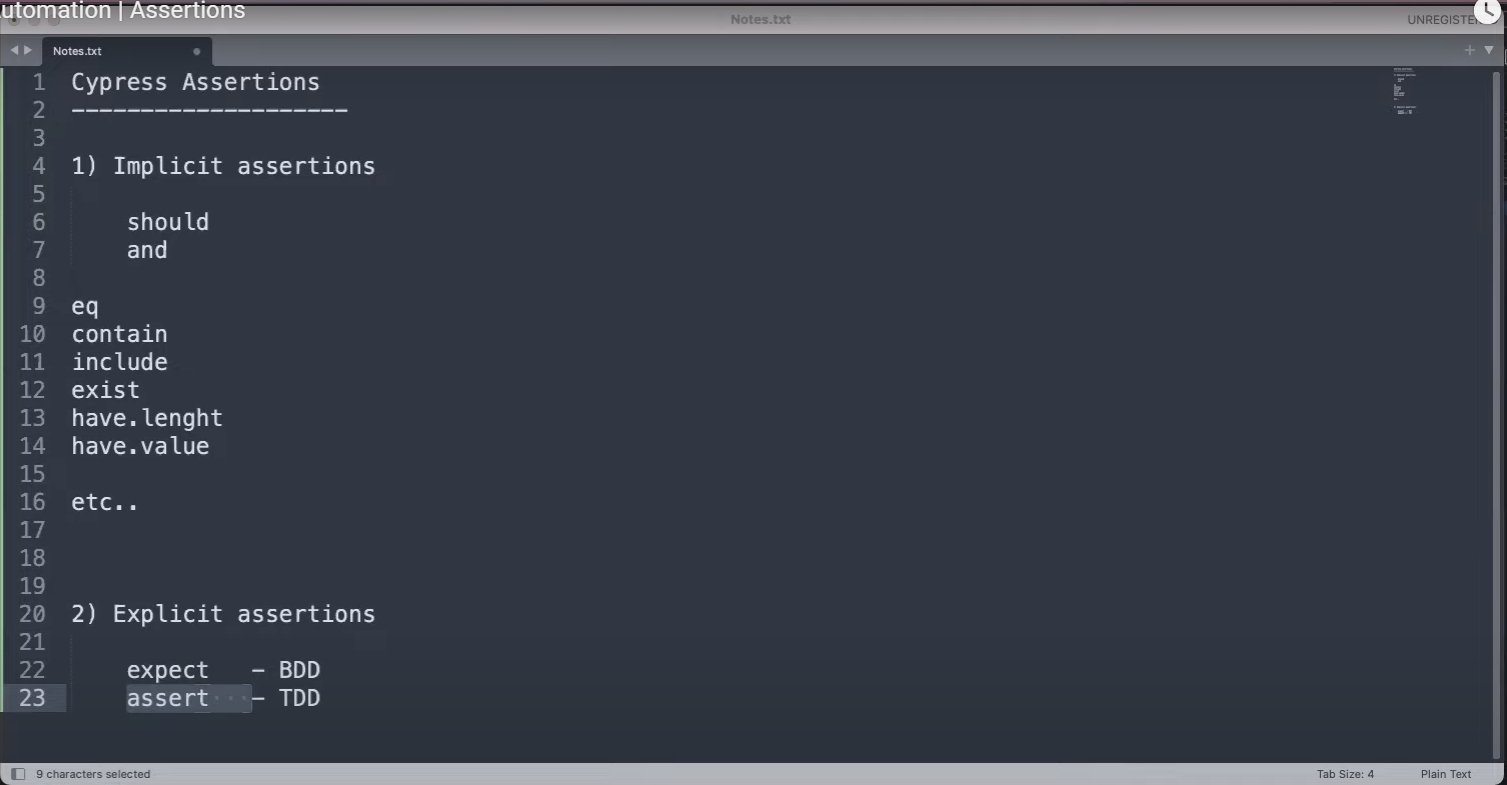
Xpath

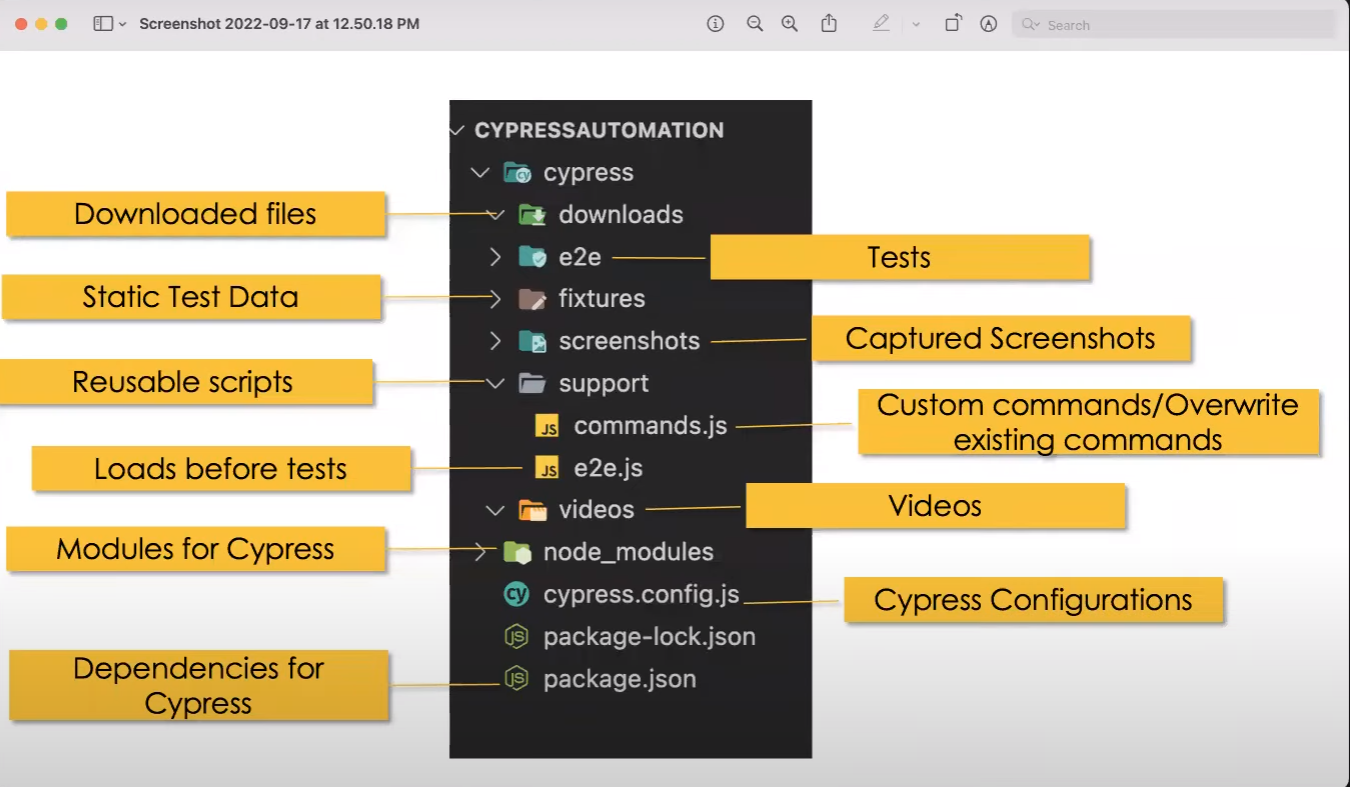


Installing Xpath, and how to use it=🡺



Assertions 🡺part-five



Folder Structure 🡺 part-6  


Websites

<https://itera-qa.azurewebsites.net/home/automation>

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

<https://www.zoho.com/commerce/free-demo.html>  
  
**For DropDowns 🡺 Part-8**

<https://www.dummyticket.com/dummy-ticket-for-visa-application/> 🡺 important bootstrap dropdown

<https://www.wikipedia.org/> 🡺 auto-suggestion dropdown

<https://www.google.com/> 🡺 dynamic dropdown

For Alerts 🡺Part-9

<https://the-internet.herokuapp.com/javascript_alerts>

basic\_auth 🡺 prompt website link

<https://the-internet.herokuapp.com/basic_auth>

**For handling Child Tags 🡺 Part-10**

[**https://the-internet.herokuapp.com/windows**](https://the-internet.herokuapp.com/windows)

**For handling Iframes🡺 Part-11**

[**https://the-internet.herokuapp.com/iframe**](https://the-internet.herokuapp.com/iframe)

**For handling Tables 🡺 Part – 12**

[**https://demo.opencart.com/admin/index.php?route=common/login**](https://demo.opencart.com/admin/index.php?route=common/login)

**For Handling Mouse Events 🡺 Part – 13**

[**https://demo.opencart.com/**](https://demo.opencart.com/) **🡺 Mouse Hover Action**

[**https://swisnl.github.io/jQuery-contextMenu/demo.html**](https://swisnl.github.io/jQuery-contextMenu/demo.html) **==> right click action**

[**http://www.dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html**](http://www.dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html) **==> Drag and drop using mouse**

[**https://www.countries-ofthe-world.com/flags-of-the-world.html**](https://www.countries-ofthe-world.com/flags-of-the-world.html) **==> scrolling page**

**Handling File Upload 🡺 Part – 14**

[**https://the-internet.herokuapp.com/upload**](https://the-internet.herokuapp.com/upload) **==> Single File Upload**

[**https://davidwalsh.name/demo/multiple-file-upload.php**](https://davidwalsh.name/demo/multiple-file-upload.php) **==> Multiple Files Upload  
  
  
Hooks and Tags🡺 Part – 15**

// Four types of hooks are provided by cypress

/\* It will operate only once \*/

//before

//after

/\* It will operate multiple times \*/

//beforeEach

//afterEach

describe('MyTestSuite', () => {

    before(()=>{

        cy.log("\*\*\*\* Launch App \*\*\*\*\* ")

    })

    beforeEach(()=>{

        cy.log("\*\*\*\*\* Login \*\*\*\*\*\*")

    })

    afterEach(()=>{

        cy.log("\*\*\*\* Logout \*\*\*\*\*")

    })

   it('search', () => {

    cy.log("\*\*\* searching \*\*\*")

   });

   it.skip('advanced search', () => {

      cy.log("\*\*\* Advance searching \*\*\*");

   });

   it.only('listing Products', () => {

      cy.log("\*\*\* Listing Products \*\*\*");

   });

    after(() => {

       cy.log("\*\*\*\* Close App \*\*\*\*");

    });

 })

**Fixtures & Data Driven Testing =🡺 Part- 16**

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Part 17: Cypress E2E Web Automation | How To Create Custom commands**

[**https://demo.nopcommerce.com/**](https://demo.nopcommerce.com/)

**Part 18: Cypress E2E Web Automation | Browser Navigation | go() & reload()**

[**https://demo.opencart.com/**](https://demo.opencart.com/)

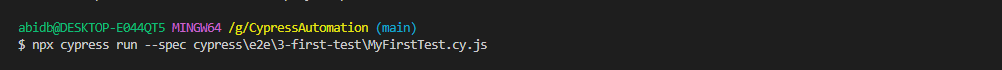
# Part 19: Cypress E2E Web Automation | How To Capture Screenshots & Videos on Test Failures

[**https://demo.opencart.com/**](https://demo.opencart.com/) **npx cypress run –spec [file name]**

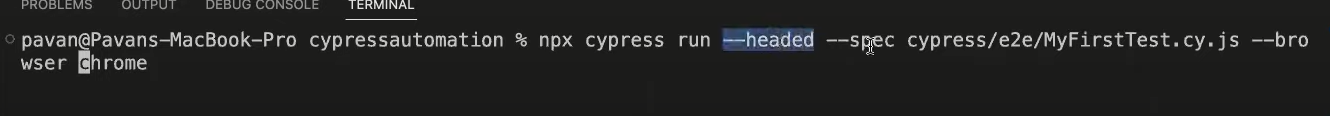
# Part 20: Cypress E2E Web Automation | How To Generate HTML Reports|Headed & Headless mode execution

# 

# 

****

**npx cypress run --spec cypress\e2e\3-first-test\MyFirstTest.cy.js –browser chrome [specific browser]  
=🡺 In headed mode to run the script as well.**

****

# Part 21: Cypress E2E Web Automation | Page Object Model Pattern in Cypress

# Without page object model

# 

With page object model

