

Lesson 02 Demo 01

Create and Execute Test Case

Objective: To create and execute test cases

Tools required: Visual Studio Code

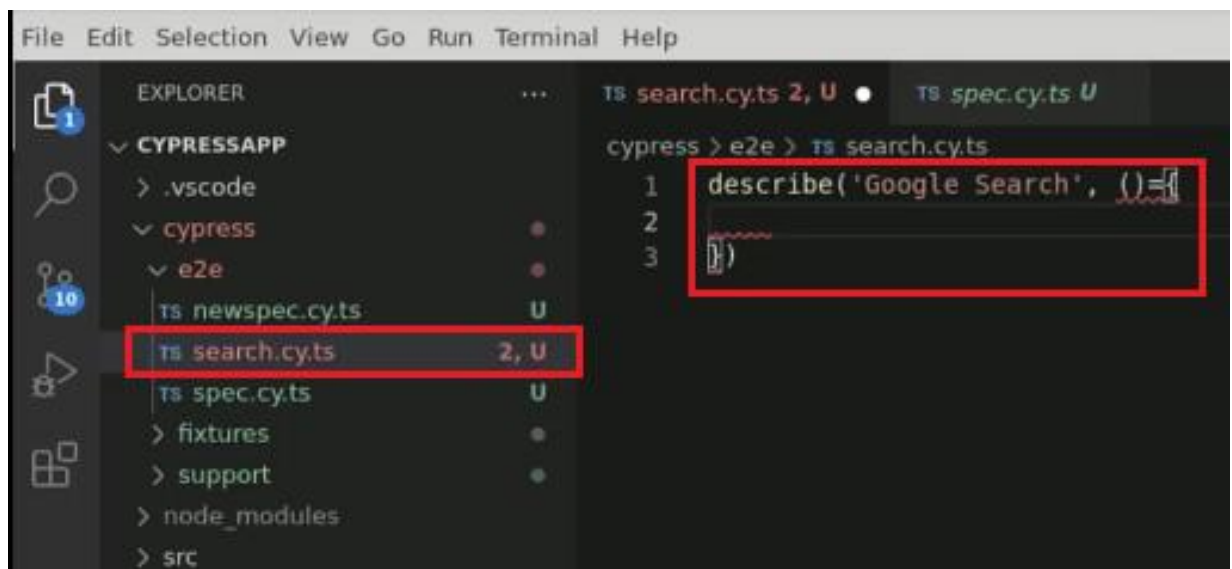
Prerequisites: Angular

Steps to be followed:

1. Write the first test case
2. Write the second test case

Step 1: Write the first test case

- 1.1 Create **search.cy.ts** in the e2e folder and add a **describe** function



1.2 Write a test case using **beforeEach** and **it**

```

TS search.cy.ts U x TS spec.cy.ts U
cypress > e2e > TS search.cy.ts > describe('Google Search') callback
1 describe('Google Search', ()=>{
2
3   beforeEach(()=>{
4     cy.visit('https://www.google.co.in')
5   })
6
7   it('Should Contain Simplilearn Title', ()=>{
8     cy.get('input[name="q"]').type('Simplilearn').type('{enter}')
9     cy.contains("Simplilearn | Online Courses - Bootcamp & Certification Platform")
10  })
11 })
  
```

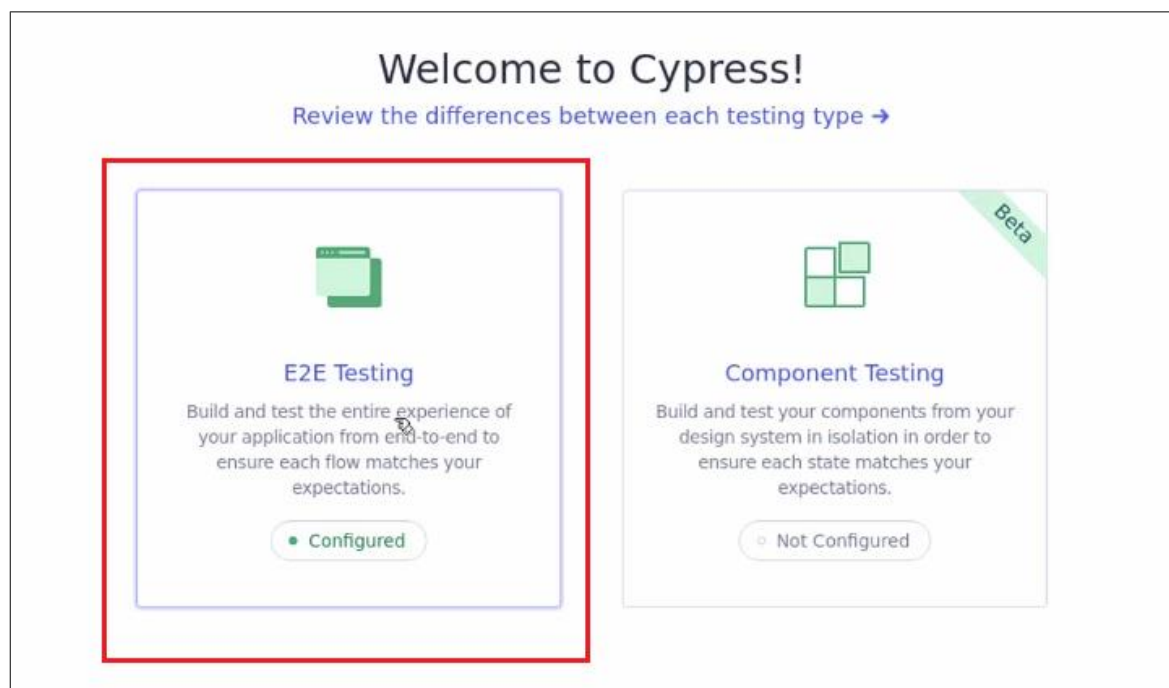
1.3 Open Cypress Launchpad using the following command:

npx cypress open

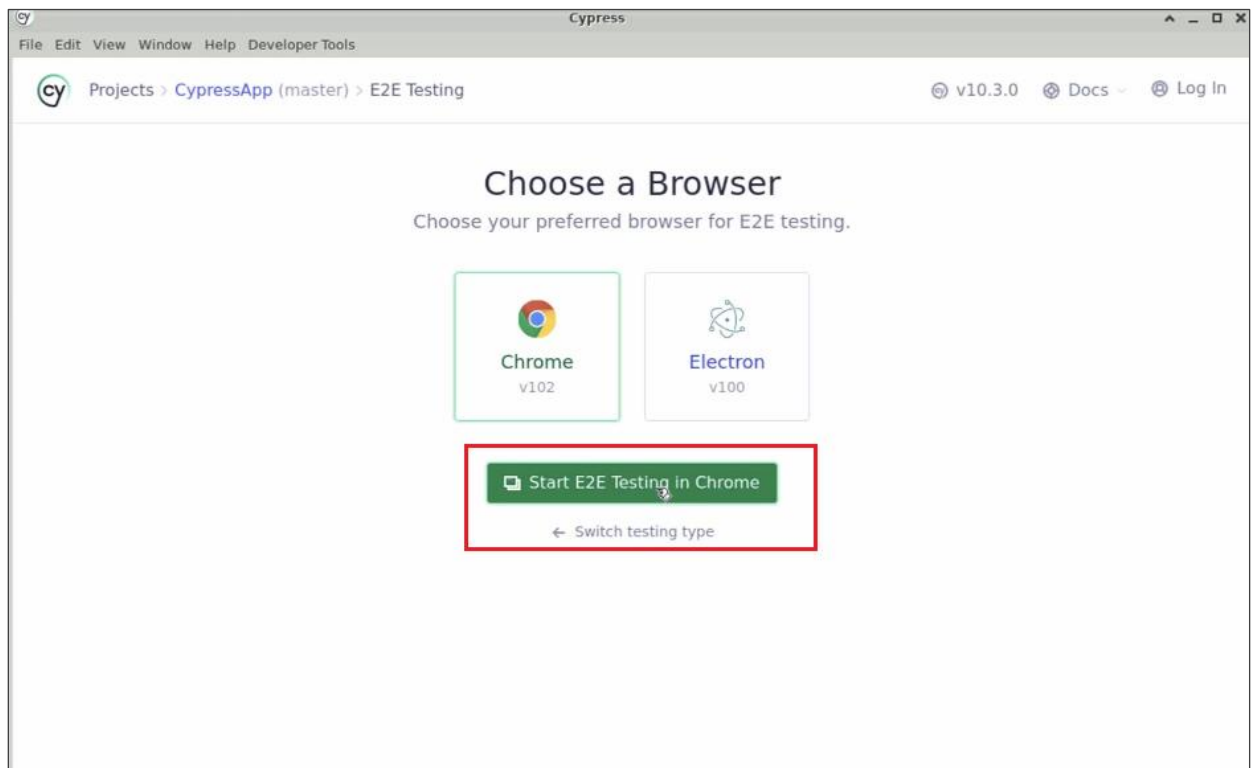
```

found 0 vulnerabilities
srijanighataksi@ip-172-31-27-104:~/Documents/CypressApp$ npx cypress open
[9518:0704/151000.783200:WARNING:bluez_dbus_manager.cc(246)] dbus manager not present, c
libva error: vaGetDriverNameByIndex() failed with unknown libva error, driver name = (nul
[9687:0704/151000.816248:ERROR:sandbox_linux.cc(377)] InitializeSandbox() called with mul
[9687:0704/151000.821230:ERROR:gpu_memory_buffer_support_x11.cc(44)] dri3 extension not s
  
```

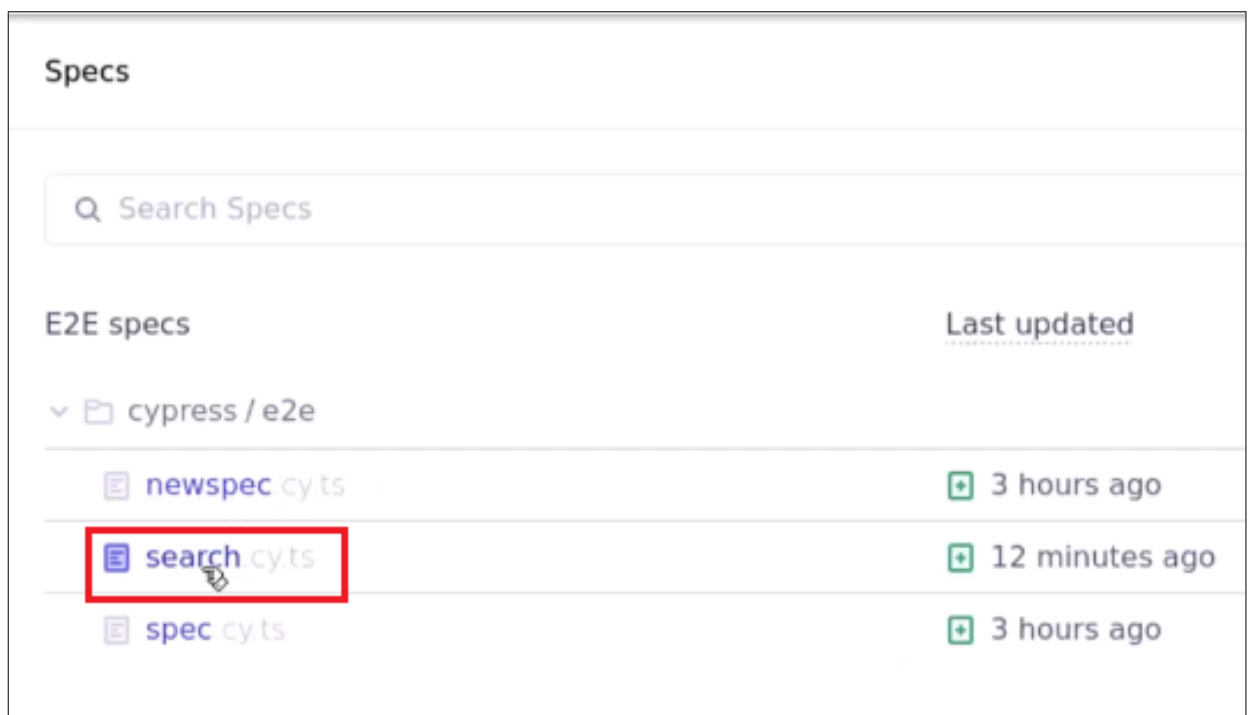
1.4 Click on **E2E Testing** in the popup



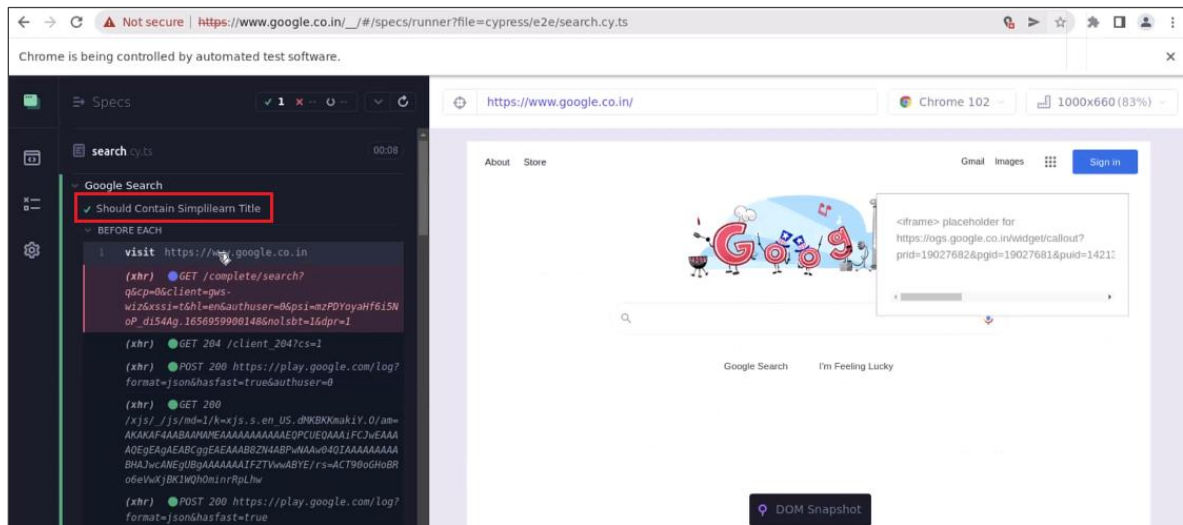
1.5 Click on **Start E2E Testing in Chrome** button



1.6 Click on **search.cy.ts** file

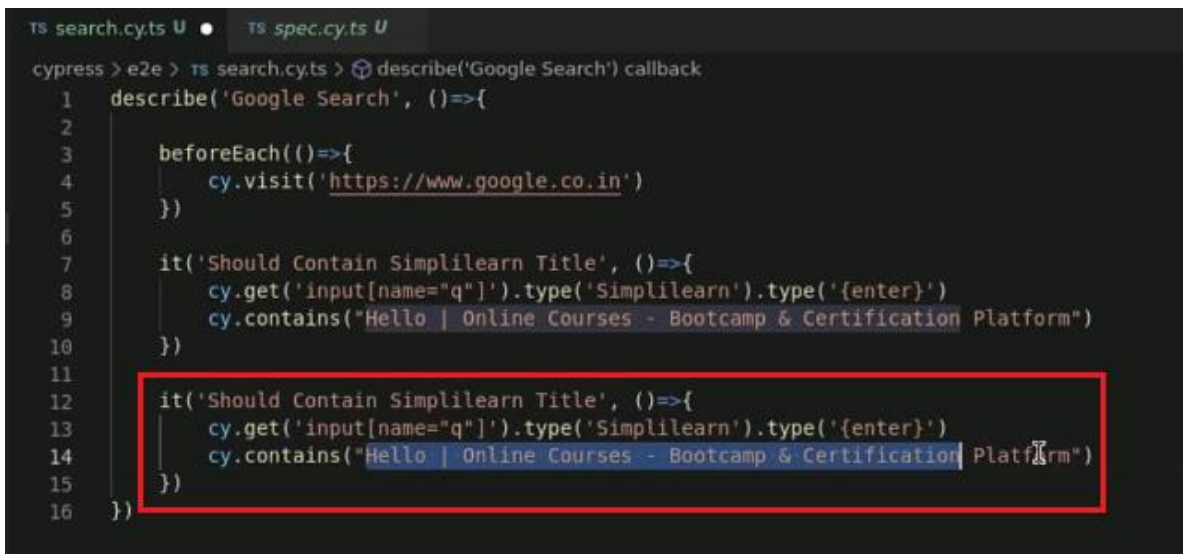


1.7 Check if the test case passed or not

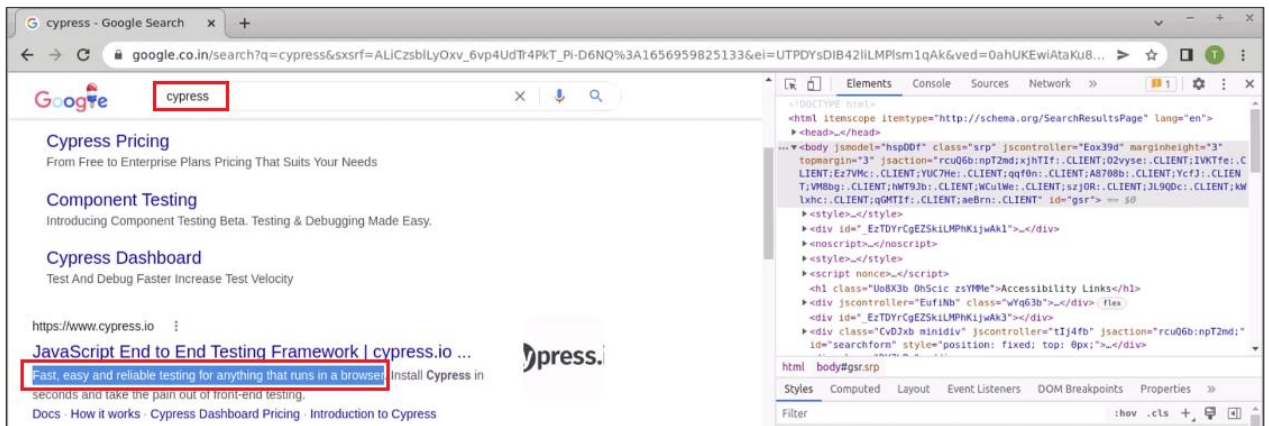


Step 2: Write the second test case

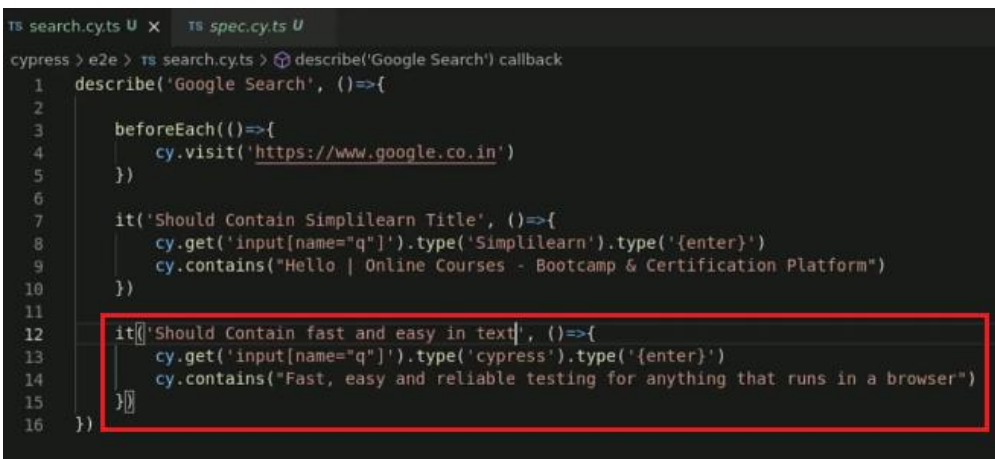
2.1 Write another test case by copying the previous one



2.2 Search **cypress** in google and then copy description of any search result



2.3 Paste it in the contains function and make the relevant changes



2.4 Check the test results in the Cypress Launchpad

