

# mukesh cy-1

browser automation.

api automation.

unit test, integration test, e2e test.

nodejs mandatory.

auto wait.

auto screenshots.

videos can also be taken.

can work on chromium engine family, ff, electron from cypress.

mocking present internally in apis.

js is the only language.

command to install cypress-

first run -

npm init

then run -

```
npm install cypress --save-dev
```

check npm>5

and open cypress.

```
mukeshotwani@Mukeshs-MacBook-Air-2 CypressEveningBatch % npm --version
8.11.0
mukeshotwani@Mukeshs-MacBook-Air-2 CypressEveningBatch % npx cypress open
It looks like this is your first time using Cypress: 10.6.0
```

select e2e.

mocha-

like testing a framework for unit and e2e tests.

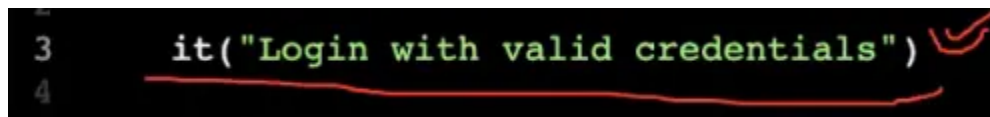
uses chai for assertions.

hooks - before, after, before each and after each.

“it” is used for individual test cases similar to “test” in pw.

this test will be skipped not throw error-

```
3  it("Login with valid credentials")  
4
```



different ways for assertion using chai-

```
1 describe("Assertion Example",()=>
2 {
3     it("Example assert",()=>
4     {
5         var name="Cypress"
6         assert.typeOf(name, 'string');
7     })
8
9     it("Example Expect",()=>
10    {
11        var name="Cypress"
12        expect(name).to.be.a('string');
13    })
14
15    it("Example Should",()=>
16    {
17        var name="Cypress"
18        name.should.be.a('string');
19    })
20
21 })
```