

Cypress commands - user defined ones -

```

1 // custom command for clicking on link using label
2 //name of the command, and what we want from command
3 like label or text etc.
4 Cypress.Commands.add('clickLink',(label)⇒{
5     cy.get('a').contains(label).click();
6
7 })
8
9 //Over write contains()
10 //contains name of the existing method.
11 //contains requires five parameters, pass them as is.
12 //get the params from docs.
13 //cypres gives error for overwrite.
14 //it says use overwritequery.
15 Cypress.Commands.overwriteQuery('contains',(originalFn,
16 subject, filter, text, options = {})⇒{
17     // determine if a filter argument was passed
18     if (typeof text === 'object') {
19         options = text
20         text = filter
21         filter = undefined
22     }
23
24     //we removed case sensitive here.
25     //by default matchcase is true.
26     options.matchCase = false
27 //returns original function with the parameters.
28     return originalFn(subject, filter, text, options)
29 })
30
31 //Custom comamnd for login
32
33 Cypress.Commands.add("loginapp",(email,password)⇒{
34     cy.get('#Email').type(email);
35     cy.get('#Password').type(password);
36     cy.get("button[class='button-1 login-button']").click();
37
38 })

```

```
1 //click on link using label
2 // over writing existing contains() command
3 // re-usuable custom command
4
5 describe('Custom commands', () => {
6
7     it("handling links", () => {
8
9         cy.visit("https://demo.nopcommerce.com/");
10
11         //direct - without using custom command
12         //clicking on the mac laptop.
13         // cy.get("div[class='item-grid'] div:nth-child(2)
14         // div:nth-child(1) div:nth-child(2)
15         // h2:nth-child(1) a:nth-child(1)").click();
16
17         //using custom command
18         cy.clickLink("Apple MacBook Pro 13-inch");
19         cy.get("div[class='product-name'] h1").
20         should('have.text', 'Apple MacBook Pro 13-inch');
21
22     })
23 }
```

```
1 it("overwriting existing command", () => {
2
3     cy.visit("https://demo.nopcommerce.com/");
4
5     //using custom command
6     //contains is over written custom command.
7     cy.clickLink("APPLE MACBOOK PRO 13-inch");
8     cy.get("div[class='product-name'] h1").
9     should('have.text', 'Apple MacBook Pro 13-inch');
10 })
11
12 it.only("Login command", () => {
13
14     cy.visit("https://demo.nopcommerce.com/");
15
16     //login using custom commands.
17     cy.clickLink("Log in"); // custom command
18     cy.wait(3000);
19     cy.loginapp("testing@gmail.com", "test123"); // custom command
20     //assert if we have logged into the account.
21     cy.get('.ico-account').should('have.text', 'My account');
22
23 })
24
25 })
```