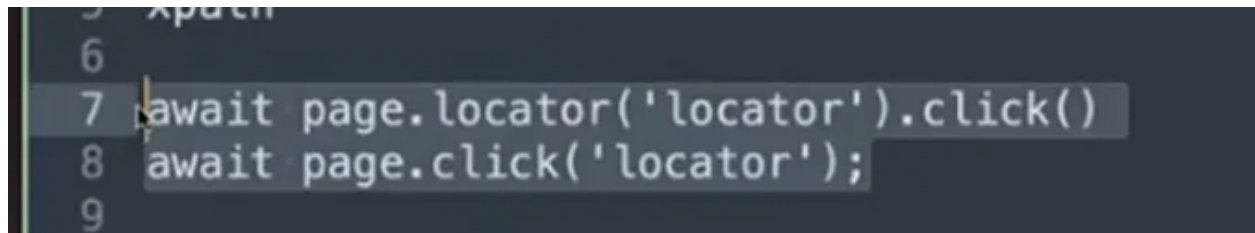


Two ways to use the locators- Get locator and perform action. Or Perform action and pass locator.



To pass property- Pass attributename=value //click on login button - property //await
`page.locator('id=login2').click()` `await page.click('id=login2')`

```

5  xpath
6
7
8  Locate single element
9  -----
10
11 link/button
12 -----
13 await page.locator('locator').click()
14 await page.click('locator');
15
16 inputbox
17 -----
18 await page.locator('locator').fill('value')
19 await page.locator('locator').type('value')
20
21 await page.fill('locator', 'value')
22 await page.type('locator', 'value')
23
24

```

```

24
25 Locate multiple web elements
26 -----
27
28 const elements=await page.$$('locator')
29

```

If no element then no error, it returns empty [].

Wait for all the necessary elements to load on page- //Locate all the products displayed on home page **await page.waitForSelector("//div[@id='tbodyid']/h4/a");**

locate one element uniquely-

```
1 //const {test, expect} = require('@playwright/test')
2 import {test,expect} from '@playwright/test'
3
4 test('Locators', async ({page})=>{
5
6     await page.goto("https://www.demoblaze.com/index.html")
7
8     //click on login button - property
9     //await page.locator('id=login2').click()
10    await page.click('id=login2')
11
12    //provide username - CSS
13    //await page.locator('#loginusername').fill("pavanol")
14    await page.fill('#loginusername','pavanol')
15    //await page.type('#loginusername','pavanol')
16
17    //provide password - CSS
18    await page.fill("input[id='loginpassword']",'test@123')
19
20    //Click on login button - XPath
21    await page.click("//button[normalize-space()='Log in']")
22
23    //verify logout link presence - XPath
24    const logoutlink= await page.locator("//a[normalize-space()='Log out']")
25
26    await expect(logoutlink).toBeVisible();
27
28    await page.close()
29
30 })
```

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locate multiple elements of same type-

```
1 test('LocateElements', async ({ page }) => {
2
3     await page.goto('https://www.demoblaze.com/index.html')
4
5     // Locate and return all the links on the webpage
6     /*const links = await page.$$('a');
7
8     for (const link of links) {
9         const linktext = await link.textContent();
10        console.log(linktext);
11    }
12    */
13
14    //Locate all the products displayed on home page
15    await page.waitForSelector("//div[@id='tbodyid']/h4/a");
16
17    const products = await page.$$("//div[@id='tbodyid']/h4/a")
18
19    for (const product of products) {
20        const prodName = await product.textContent();
21        console.log(prodName);
22    }
23
24    });
```