

nth Locators:

Used when multiple elements match the same selector.

```
import {test, chromium} from '@playwright/test'
```

```
test('to validate radio button', async () => {
```

```
    //*[@id="j_idt87:console1"]/tbody/tr/td[1]/div/div[2]/span  
    const browser = await chromium.launch({headless:false});  
    const page = await browser.newPage();  
    await page.goto('https://the-internet.herokuapp.com/hovers');
```

|

```
    for(let i=0; i<3;i++)  
    {  
        await page.locator('.figure').nth(i).hover();  
        //i=i+1;  
        //image hovering text  
        const text = await page.locator(`//div[@class='figure']/h5[${i+1}]`).textContent();  
        console.log(`image ${i+1} ::::`,text);  
        //div[@class='figcaption'] /a
```

```
    const link = await page.locator(`//div[@class='figure']/a[${i+1}]`).textContent();  
    console.log(`image link ${i+1} ::::`,link);  
}
```

browser.close();

```
});
```

Filter function:

```
import { test, expect } from '@playwright/test';

test('Handle dynamic elements after login', async ({ page }) => {
    await page.goto('https://www.saucedemo.com');

    // Fill in login credentials
    await page.getByPlaceholder('Username').fill('standard_user');
    await page.getByPlaceholder('Password').fill('secret_sauce');
    await page.getByRole('button', { name: 'Login' }).click();

    // Wait for the dynamic element (page title) to be visible
    await page.waitForSelector('.title', { state: 'visible' });

    // Use filter to refine locator based on text
    const title = page.locator('.title').filter({ hasText: 'Products' });
    await expect(title).toBeVisible();
});
```

Radio button validation:

```
import {test, chromium} from '@playwright/test'
```

```
test('to validate radio button',async () => {
```

```
/*[@id="j_idt87:console1"]/tbody/tr/td[1]/div/div[2]/span

const browser = await chromium.launch({headless:false});

const page = await browser.newPage();

await

page.goto('https://leafground.com/radio.xhtml;jsessionid=node01xp7buedkhjqe1k3o4zcta04pf8618306.node0');

| 

await page.locator('//*[@id="j_idt87:console1"]/tbody/tr/td[1]/div/div[2]/span').click();

await page.waitForTimeout(2000);

| 

| 

| }

| }
```

Single select dropdown:

```
import {test,expect,chromium} from '@playwright/test'

test('page assertion', async () => {

    await test.setTimeout(60000);

    const browser = await chromium.launch({headless:false});

    const context = await browser.newContext();

    const page = await context.newPage();

    | 

    await page.goto('https://the-internet.herokuapp.com/dropdown');

    //select by text

    await page.locator('#dropdown').selectOption('Option 2');

    | 

    //select by value
```

```
//await page.locator('#dropdown').selectOption({value:'1'});  
await page.waitForTimeout(3000);  
browser.close();  
});
```