

# pavanpw-20

## Handle Date Pickers/Calendars

one method is use fill method-

**await page.fill('#datepicker','03/15/2024')**

second method-

write the date we want in excel or code.

click on date picker.

start unlimited while loop as we dont know how much clicks needed in calendar.

get the text of the year and month



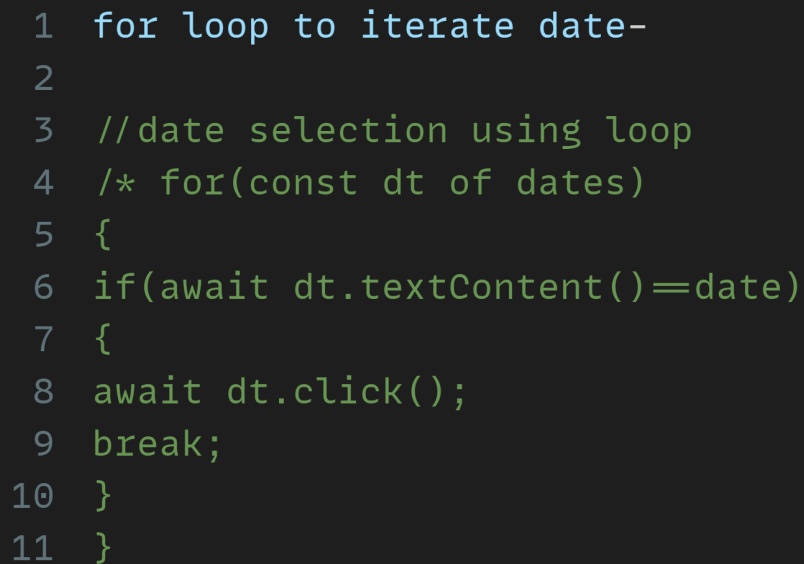
if the condition matches then break.

if not equal click on next or previous button-

**// await page.locator('[title="Next"]').click() //Next await page.locator('[title="Prev"]').click()  
//Previous**

to capture date we need to use array-

**const dates=await page.\$\$(".ui-state-default")**



```
1 for loop to iterate date-
2
3 //date selection using loop
4 /* for(const dt of dates)
5 {
6   if(await dt.textContent()==date)
7   {
8     await dt.click();
9     break;
10  }
11 }
```

codesnap.dev

click on date without loop-

pass in the locator. next locator will be **text()** which will have date.

to parameterise we can use **tilde and \${}**.

//date selection - without loop **await**

```
page.click(//a[@class='ui-state-default'] [text()='${date}'] )
```

```

1 //
2 const { test, expect } = require('@playwright/test');
3
4 test("Date Picker", async ({ page }) => {
5
6     await page.goto('https://testautomationpractice.blogspot.com/')
7     // await page.fill('#datepicker','03/15/2024')
8
9     await page.waitForTimeout(3000);
10
11     //date picker
12     const year="2022"
13     const month="March"
14     const date="25"
15
16     await page.click('#datepicker') // opens calender
17
18     while(true)
19     {
20         const currentYear=await page.locator('.ui-datepicker-year').textContent()
21         const currentMonth=await page.locator('.ui-datepicker-month').textContent()
22
23         if(currentYear === year && currentMonth===month)
24         {
25             break;
26         }
27
28         // await page.locator('[title="Next"]').click() //Next
29         await page.locator('[title="Prev"]').click() //Previous
30     }
31
32     const dates=await page.$$("//a[@class='ui-state-default']")
33
34     //date selection using loop
35     /* for(const dt of dates)
36     {
37         if(await dt.textContent()==date)
38         {
39             await dt.click();
40             break;
41         }
42     }
43     */
44
45     //date selection - without loop
46     await page.click(`//a[@class='ui-state-default'][text()='${date}']`)
47
48     await page.waitForTimeout(5000);
49
50
51 });

```

