

Assignment: Playwright

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### **Assignment 1: Launch Browser, Open Website & Take Screenshot**

```
import test from '@playwright/test'

test("Screenshot", async ({page}) => {

  await page.goto("https://dd-demo-tau.vercel.app/web_elements.html#9-file-upload");

  await page.screenshot({path: 'test.png'});

})
```

### **Assignment 2: Automate Login and Verify Dashboard**

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

test("Login Test Case", async ({ page }) => {

  await page.goto("https://practicetestautomation.com/practice-test-login/");

  await expect(page).toHaveTitle("Test Login | Practice Test Automation");


  await page.locator('input[name="username"]').fill("student");

  await page.locator('input[name="password"]').fill("Password123");

  await page.locator('button#submit').click();

  await expect(page).toHaveURL(/logged-in-successfully/);

});
```

### Assignment 3: Handle Popups and Alerts

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

```
test('01-handling alert',async({page})=>{  
    page.once('dialog',dialog=>dialog.accept());  
    await page.goto("https://testpages.eviltester.com/pages/basics/alerts-javascript/");  
    await page.locator('#alertexamples').click();  
});
```

```
test('02-handling confirm', async({page})=>{  
    page.once('dialog',dialog=>dialog.dismiss());  
    await page.goto("https://testpages.eviltester.com/pages/basics/alerts-javascript/");  
  
    await page.locator('#confirmexample').click();  
  
});
```

```
test('03-handling prompts', async({page})=>{  
  
    page.once('dialog', async dialog => {  
        console.log("Prompt message:", dialog.message());  
        await dialog.accept("Done");  
    });  
});
```

```
});
```

```
await page.goto("https://testpages.eviltester.com/pages/basics/alerts-javascript/");
```

```
await page.locator('#promptexample').click();
```

```
});
```

#### **Assignment 4: Upload a File**

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

```
test("File Upload",async({page})=>{
```

```
await page.goto("https://dd-demo-tau.vercel.app/web_elements.html#9-file-upload");
```

```
await page.locator('a[href="#9-file-upload"]').click();
```

```
await page.locator('input[id="fileUploadField"]').setInputFiles('tests/example.docx');
```

```
const messageLocator = page.locator('div[id="fileUploadMsg"]');
```

```
await expect(messageLocator).toBeVisible();
```

```
const visibleText = await messageLocator.innerText();
```

```
console.log('Upload message:', visibleText);
```

```
});
```

## Assignment 5: Count Hyperlinks on a Page

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

test('Count hyperlinks on page', async ({ page }) => {

  await page.goto('https://playwright.dev/');

  const links = await page.locator('a').count();

  console.log('Total hyperlinks:', links);

  expect(links).toBeGreaterThan(0);

});
```