**DemoTest.java:**

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** DemoTest {

**public** **static** **void** main(String[] args) **throws** Exception {

WebDriver driver = **new** ChromeDriver();

driver.manage().window().maximize();

driver.get("http://127.0.0.1:5500/index.html");

Thread.*sleep*(2000);

WebElement heading = driver.findElement(By.*tagName*("h1"));

*highlight*(driver, heading);

Thread.*sleep*(2000);

WebElement name = driver.findElement(By.*name*("name"));

*highlight*(driver, name);

Thread.*sleep*(2000);

WebElement email = driver.findElement(By.*id*("email"));

*highlight*(driver, email);

Thread.*sleep*(2000);

WebElement password = driver.findElement(By.*cssSelector*("input#password"));

*highlight*(driver, password);

Thread.*sleep*(2000);

WebElement submitBtn = driver.findElement(By.*cssSelector*("button[type=submit]"));

*highlight*(driver, submitBtn);

Thread.*sleep*(2000);

driver.close();

}

**public** **static** **void** highlight(WebDriver driver, WebElement element) {

JavascriptExecutor jsExecutor = (JavascriptExecutor) driver;

jsExecutor.executeScript("arguments[0].setAttribute('style', 'border:2px solid red; background:yellow')", element);

}

}

**index.html:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login</title>

</head>

<body style="min-height: 100vh; width: 100%; display: flex; flex-direction: column; justify-content: center; align-items: center;">

    <h1>Login</h1>

    <form style="display: flex; flex-direction: column; gap: 1rem;">

        <input type="text" name="name" id="name" placeholder="Name" />

        <input type="email" name="email" id="email" placeholder="Email" />

        <input type="password" name="password" id="password" placeholder="Password" />

        <button type="submit">Login</button>

    </form>

    <script>

        const handleSubmit = (e)=> {

            e.preventDefault();

            alert("Login");

        }

    </script>

</body>

</html>

**pom.xml:**

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>coms</groupId>

<artifactId>LocatingWebPageElements</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.10.0</version>

</dependency>

</dependencies>

</project>