

Locating Elements through CSS and XPath.

AdvancedLocateElements.java

```
package com.ecommerce.test;

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 AdvancedLocateElements {
    public static void main(String[] args) throws InterruptedException {
        // register the chrome driver
        // create an obj to the driver -obj to the browser

        // initiate the driver
        WebDriver driver = new ChromeDriver();

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

        driver.get("https://www.facebook.com/");

        // Using CSS Selector
        WebElement emailInput = driver.findElement(By.cssSelector("input#email"));
        highlight(driver, emailInput);

        WebElement passwordInput = driver.findElement(By.cssSelector("input[name='pass']"));
        highlight(driver, passwordInput);

        Thread.sleep(2000);

        // Using XPath
        WebElement loginButton = driver.findElement(By.xpath("//button[@name='login']"));
        highlight(driver, loginButton);

        WebElement forgottenPasswordLink = driver.findElement(By.xpath("//a[text()='Forgotten password?']"));
        highlight(driver, forgottenPasswordLink);

        Thread.sleep(2000);
```

```
}
```

```
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);  
}  
}
```

Output

