**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()='Forgottenpassword?']"));

*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 blue;background:Green')",

element);

}

}

**Output:**

