

```
package com.ecommerce.test;

import java.util.List;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class AdvancedLocatingElements {

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

        // Basic configuration

        WebDriver driver = new ChromeDriver();

        demoAdvancedXPathCSSSelector(driver);

    }

    static void demoAdvancedXPathCSSSelector(WebDriver driver) {

        String baseUrl = "C:\\\\Users\\shekh\\eclipse-workspace3\\hello-
selenium\\src\\resources\\text.html";

        //String baseUrl =
"https://github.com/awtraining1/sl/blob/main/PHASE5/afternoon/hello-
selenium/src/main/resources/test.html";

        driver.get(baseUrl);
```

```
List<WebElement> inputAdminElements =  
driver.findElements(By.xpath("//input[contains(@id, 'admin')]"));
```

```
System.out.println("inputAdminElements has " + inputAdminElements.size()); //3
```

```
// Same as above but using CSS selectors
```

```
List<WebElement> inputAdminElementsUsingCSSSelectors =  
driver.findElements(By.cssSelector("input[id*='admin']"));
```

```
System.out.println("inputAdminElementsUsingCSSSelectors has " +  
inputAdminElementsUsingCSSSelectors.size()); //3
```

```
List<WebElement> inputAdminElementsUsingCSSSelectors2 =  
driver.findElements(By.cssSelector("input[id$='xyz']"));
```

```
System.out.println("input whose ids end with xyz " +  
inputAdminElementsUsingCSSSelectors2.size()); //2
```

```
WebElement h4SecondChildInsideDiv =  
driver.findElement(By.cssSelector("div[id='eCommerce'] h4:nth-child(2)"));
```

```
System.out.println("h4SecondChildInsideDiv text is " +  
h4SecondChildInsideDiv.getText()); // h4 second
```

```
}
```

```
}
```