**Locating Elements through CSS and XPath**

package practicesolution;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class ElementLocatorExample {

public static void main(String[] args) {

// Launch the Chrome browser

WebDriver driver = new ChromeDriver();

// Navigate to the W3Schools HTML Examples page

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

// Locating using CSS selectors

//Method 1

driver.findElement(By.cssSelector("input#email")).sendKeys("admin");

//Method 2

driver.findElement(By.cssSelector("input[id=pass]")).sendKeys("admin123");

driver.get("https://www.ironspider.ca/forms/checkradio.htm");

//Locating using xpath

//Method1

driver.findElements(By.xpath("//input[@name='color']")).get(1).click();

//Method2

driver.findElements(By.xpath("//input[starts-with(@name,'col')]")).get(2).click();

//Method3

driver.findElements(By.xpath("//input[contains(@name,'col')]")).get(3).click();

// Close the browser

driver.quit();

}

}