

Name: Krushna Gawas

Subject: STQA Laboratory

Roll No: B-218(B-1 Batch)

Subject-In-Charge: Prof.Dipali Bhusari

## Practical: 05

**Aim:** Apply automation testing using Selenium for launch any Internet browser of any Ecommerce application also verify titl



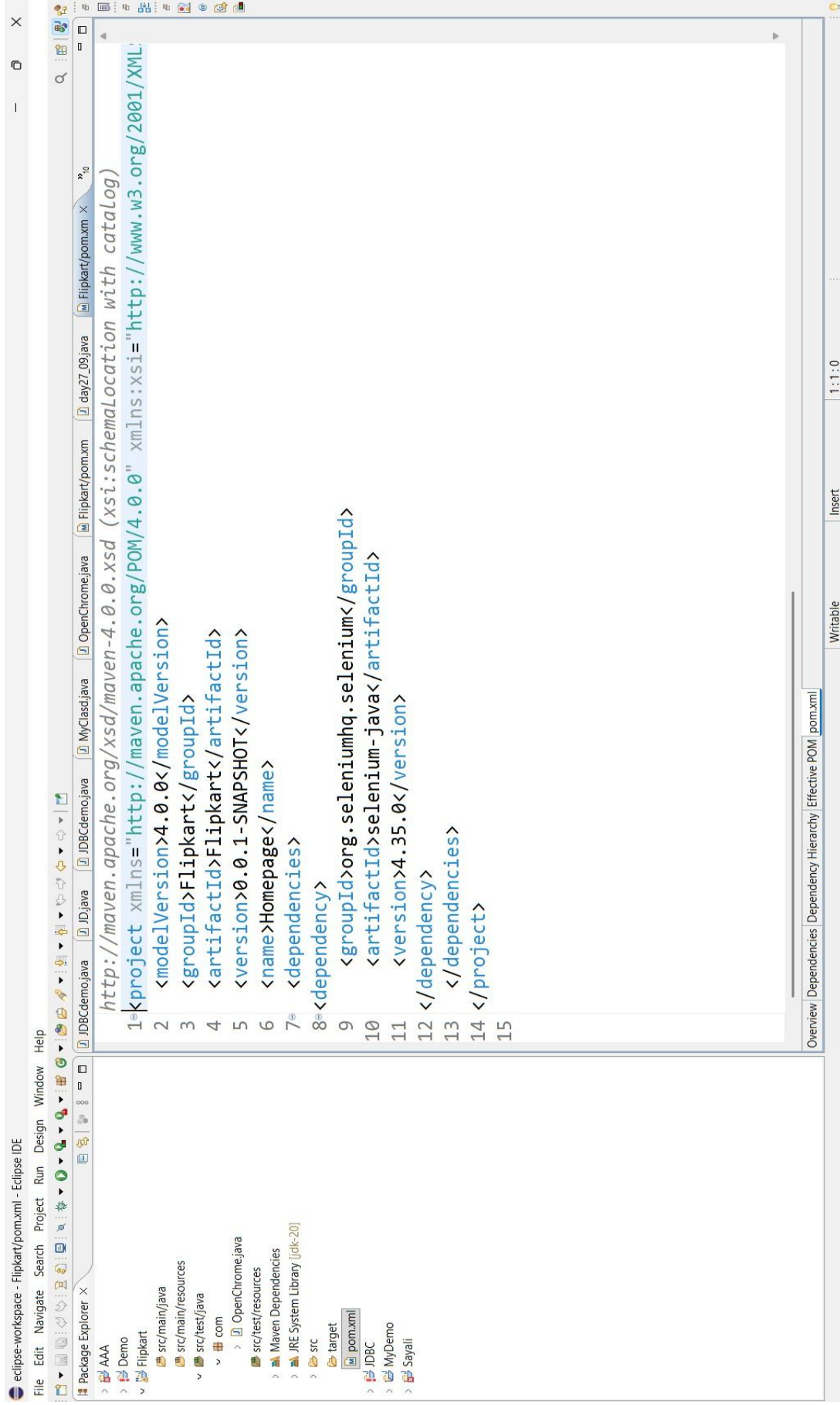
The screenshot displays the Eclipse IDE environment. The Package Explorer on the left shows the project structure with folders like 'src/main/java' and 'src/test/java'. The main editor window contains a Java file named 'OpenChrome.java' with the following code:

```
7= public class OpenChrome {
8=     public static void main(String[] args) {
9=         // Set the property for ChromeDriver
10=         System.setProperty("webdriver.chrome.driver",
11=             "C:\\Users\\HP\\Downloads\\chromedriver-win64\\chromedriver.exe");
12=
13=         // Launch Chrome browser
14=         WebDriver driver = new ChromeDriver();
15=         System.out.println("Successfully launched the browser");
16=
17=         // Open application (example: Flipkart)
18=         driver.get("https://www.flipkart.com/");
19=         driver.manage().window().maximize();
20=         System.out.println("Application opened successfully!");
21=
22=         // Expected title
23=         String expectedTitle = "Online Shopping Site for Mobiles, Electronics, Furniture, Grocery, Lifestyle, Books & More. Best Offers!";
24=
25=         // Get actual title
26=         String actualTitle = driver.getTitle();
27=         System.out.println("Actual Title: " + actualTitle);
28=         System.out.println("Expected Title: " + expectedTitle);
29=
30=         // Verify title
31=         if (actualTitle.equals(expectedTitle)) {
32=             System.out.println("Test Passed: Title matched!");
33=         } else {
34=             System.out.println("Test Failed: Title did not match!");
35=         }
36=     }
37= }
```

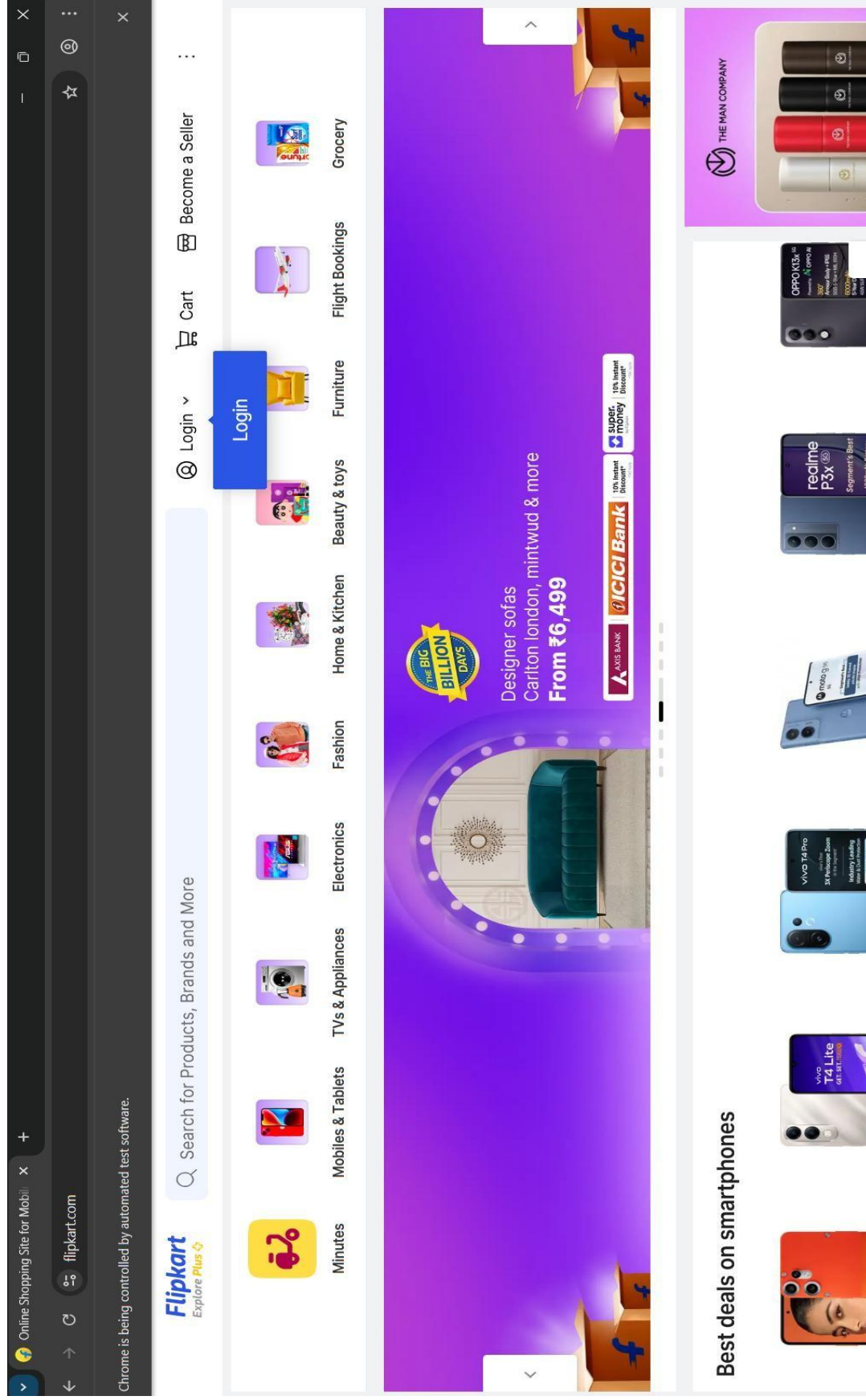
The Console window at the bottom shows the execution output:

```
<terminated> OpenChrome [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe. 01-Oct-2025, 8:08:45 pm - 8:08:59 pm elapsed: 0:00:14.032 [pid: 21724]
WARNING: Unable to find an exact match for CDP version 140, returning the closest version; found: 139; Please update to a Selenium version that supports C
Successfully launched the browser
Application opened successfully!
Actual Title: Online Shopping Site for Mobiles, Electronics, Furniture, Grocery, Lifestyle, Books & More. Best Offers!
Expected Title: Online Shopping Site for Mobiles, Electronics, Furniture, Grocery, Lifestyle, Books & More. Best Offers!
Test Passed: Title matched!
```

application. e of an



## OUTPUT:



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## Practical: 06

**Aim:** Implement functional testing using selenium for verifying the data flow of login module functionality.



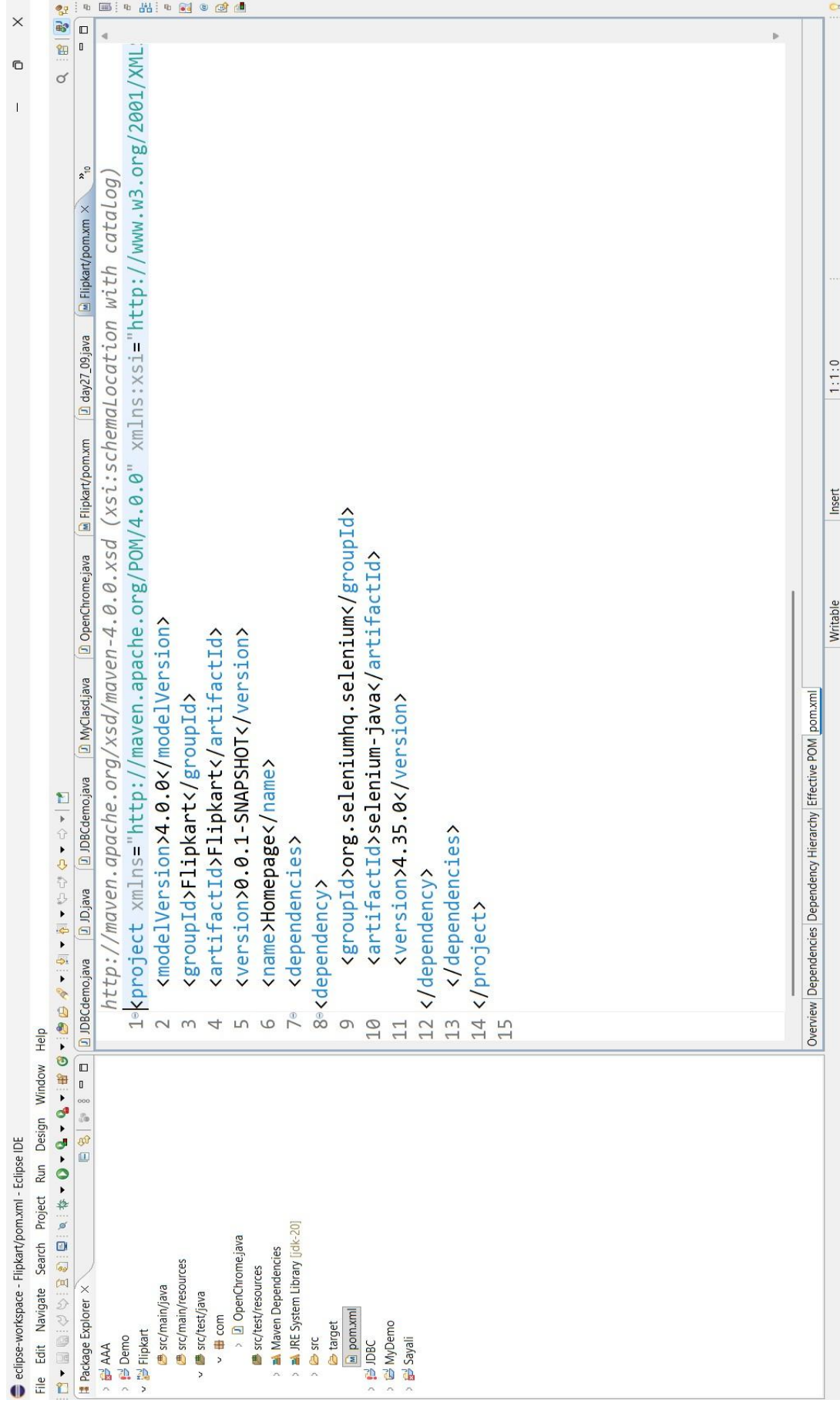
The screenshot displays the Eclipse IDE environment. The Package Explorer on the left shows a project structure with packages like 'org.openqa.selenium.By' and 'org.openqa.selenium.WebDriver'. The main editor window contains a Java file named 'OpenChrome.java' with the following code:

```
1 package com;
2 import org.openqa.selenium.By;
3
4 public class OpenChrome {
5     public static void main(String[] args) {
6         // Set the property for ChromeDriver
7         System.setProperty("webdriver.chrome.driver",
8             "C:\\Users\\HP\\Downloads\\chromedriver-win64\\chromedriver.exe");
9
10        // Launch Chrome browser
11        WebDriver driver = new ChromeDriver();
12        System.out.println("Successfully launched the browser");
13
14        // Open application
15        driver.get("https://www.flipkart.com/");
16        System.out.println("Successfully launched the Application");
17
18        // Click on element (change locator if not working)
19        driver.findElement(By.xpath("//*[@class='H6-NpN_3N4_BX']")).click();
20        System.out.println("Clicked on the element");
21
22        // Example: Enter mobile number (if login page opens)
23        driver.findElement(By.xpath("//input[@class='r4vIw1_BV4Dqf']")).sendKeys("8275730727");
24
25        // Close browser
26        driver.quit();
27    }
28 }
```

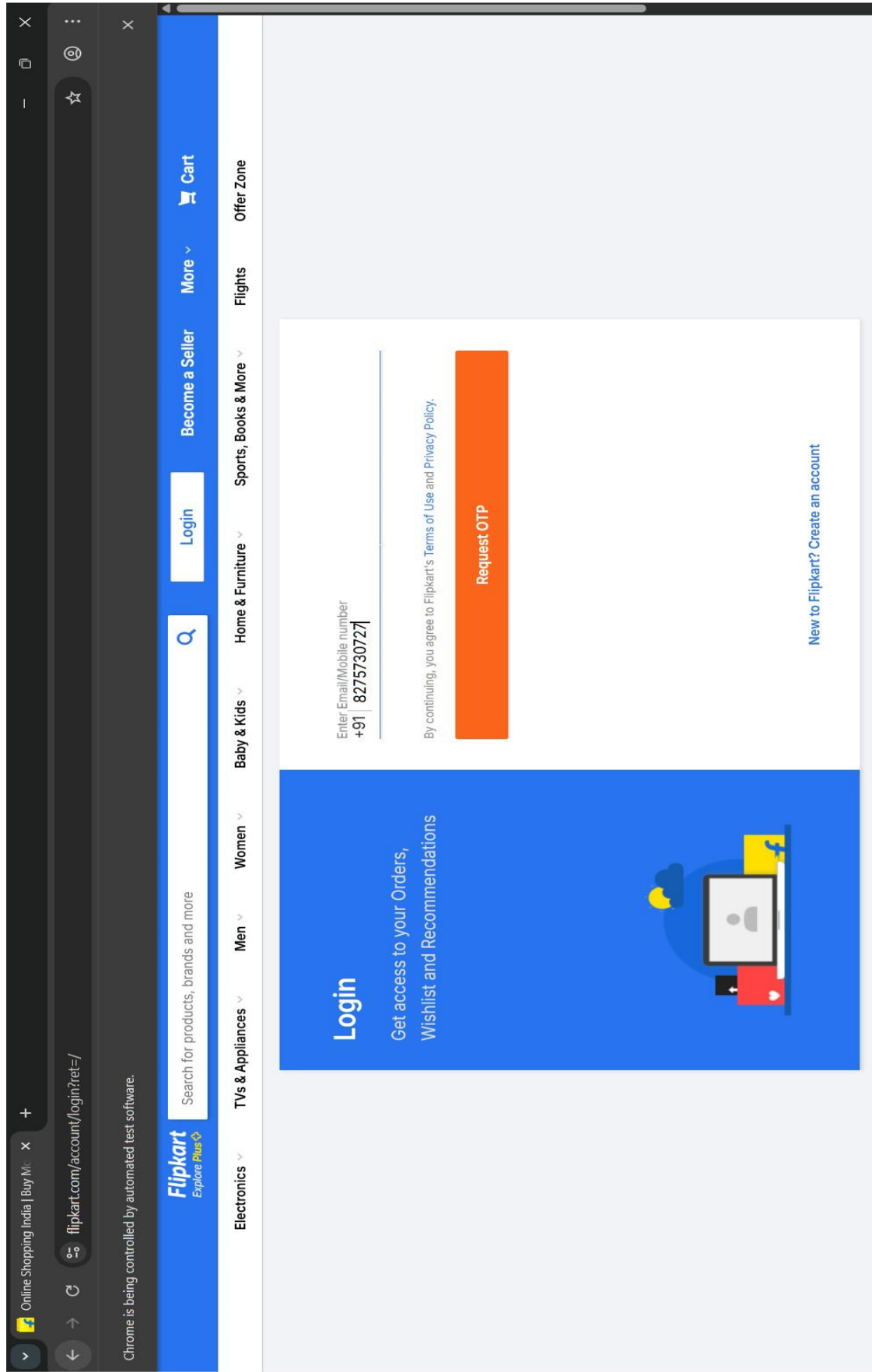
The Console window at the bottom shows the following output:

```
<terminated> OpenChrome [Java Application] (C:\Program Files\Java\jdk-20\bin\javaw.exe [30-Sept-2025 9:10:54pm - 91106pm elapsed: 00:01:21] [pid: 2732])
Sept 30, 2025 9:10:58 PM org.openqa.selenium.devtools.CdpVersionFinder.findNearestMatch
WARNING: Unable to find an exact match for CDP version 140, returning the closest version; found: 139; Please update to a Selenium version that supports CDP version 140
Successfully launched the browser
Successfully launched the Application
Clicked on the element
```





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## Practical: 07

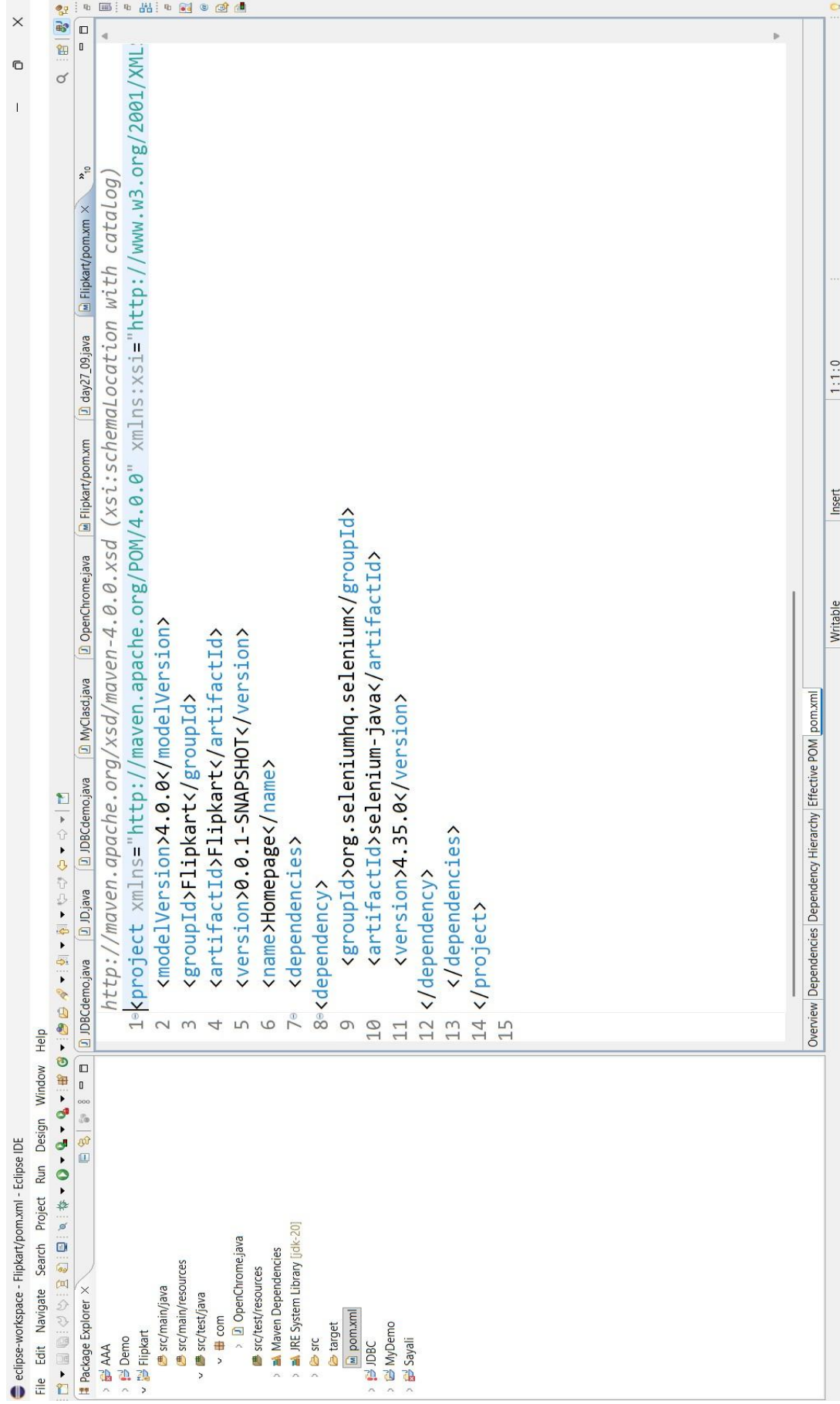
Aim: Apply automation testing to understand Exception handling

The screenshot displays the Eclipse IDE interface with a Java project named 'Flipkart'. The main editor shows a file 'OpenChrome.java' containing the following code:

```
1 package com;
2
3 import org.openqa.selenium.By;
4
5 public class OpenChrome {
6     public static void main(String[] args) {
7         // Set the property for ChromeDriver
8         System.setProperty("webdriver.chrome.driver",
9             "C:\\Users\\HP\\Downloads\\chromedriver-win64\\chromedriver.exe");
10
11         // Launch Chrome browser
12         WebDriver driver = new ChromeDriver();
13         System.out.println("Successfully launched the browser");
14
15         try {
16             // Open application
17             driver.get("https://www.amazon.com/");
18             System.out.println("Successfully launched the Application");
19
20             // Click on "Search box" and enter text
21             driver.findElement(By.id("twotabsearchtextbox")).sendKeys("Mobiles");
22             driver.findElement(By.id("nav-search-submit-button")).click();
23             System.out.println("Searched for Mobiles");
24
25         } catch (Exception e) {
26             System.out.println("Element not found or error: " + e.getMessage());
27         }
28     }
29 }
```

The Package Explorer on the left shows the project structure, including 'src/test/java' and 'src/main/java'. The Console window at the bottom right displays the following output:

```
<terminated> OpenChrome [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe [30-Sept-2025 8:24:54 pm - 8:24:59 pm elapsed: 0:00:04.801] [pid: 15704]
Sept 30, 2025 8:24:56 PM org.openqa.selenium.devtools.CdpVersionFinder.findNearestMatch
WARNING: Unable to find an exact match for CDP version 140, returning the closest version; found: 139; Please update to a Selenium version 140 or later
Successfully launched the browser
Element not found or error: no such element: {"method": "css selector", "selector": "#twotabsearchtextbox"}
(Session info: chrome=140.0.7339.208)
For documentation on this error, please visit: https://www.selenium.dev/documentation/webdriver/troubleshooting/errors/no-such-element/
```





OUTPUT:

