

DAY 5

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CE 1:

Day 05: Class Exercise Lab:

Task 01:

- Drag and Drop the Element using the Mouse Action Commands

<https://demoqa.com/droppable/>

CODING:

```
package com.day5;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.interactions.Actions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ce01 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
```

```

        WebDriver driver=new ChromeDriver();

        driver.get("https://demoqa.com/droppable/");

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

        WebElement source=driver.findElement(By.id("draggable"));

        WebElement des=driver.findElement(By.id("droppable"));

        Actions a=new Actions(driver);

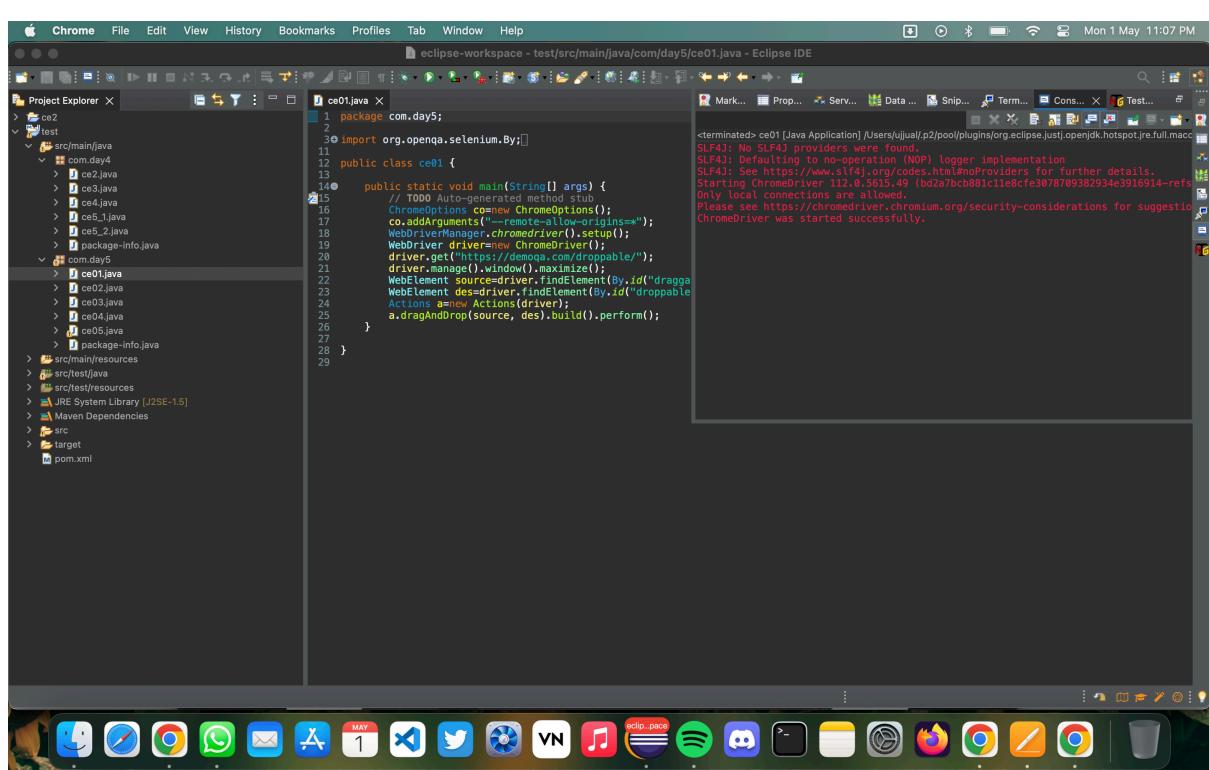
        a.dragAndDrop(source, des).build().perform();

    }

}

```

OUTPUT



CE 2:

<https://demoqa.com/droppable/>

Task 02:

- Drag and Drop the Element using Mouse Action Command
- Use the Frame Handling to Choose the Element.

<https://jqueryui.com/droppable/>

CODING:

package com.day5;

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.interactions.Actions;

import io.github.bonigarcia.wdm.WebDriverManager;
// TODO Auto-generated method stub
public class ce02 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new ChromeDriver();
        driver.get("https://jqueryui.com/droppable/");
        driver.switchTo().frame(0);
        driver.manage().window().maximize();
        WebElement source=driver.findElement(By.id("draggable"));
    }
}
```

```

        WebElement des=driver.findElement(By.id("droppable"));

        Actions a=new Actions(driver);

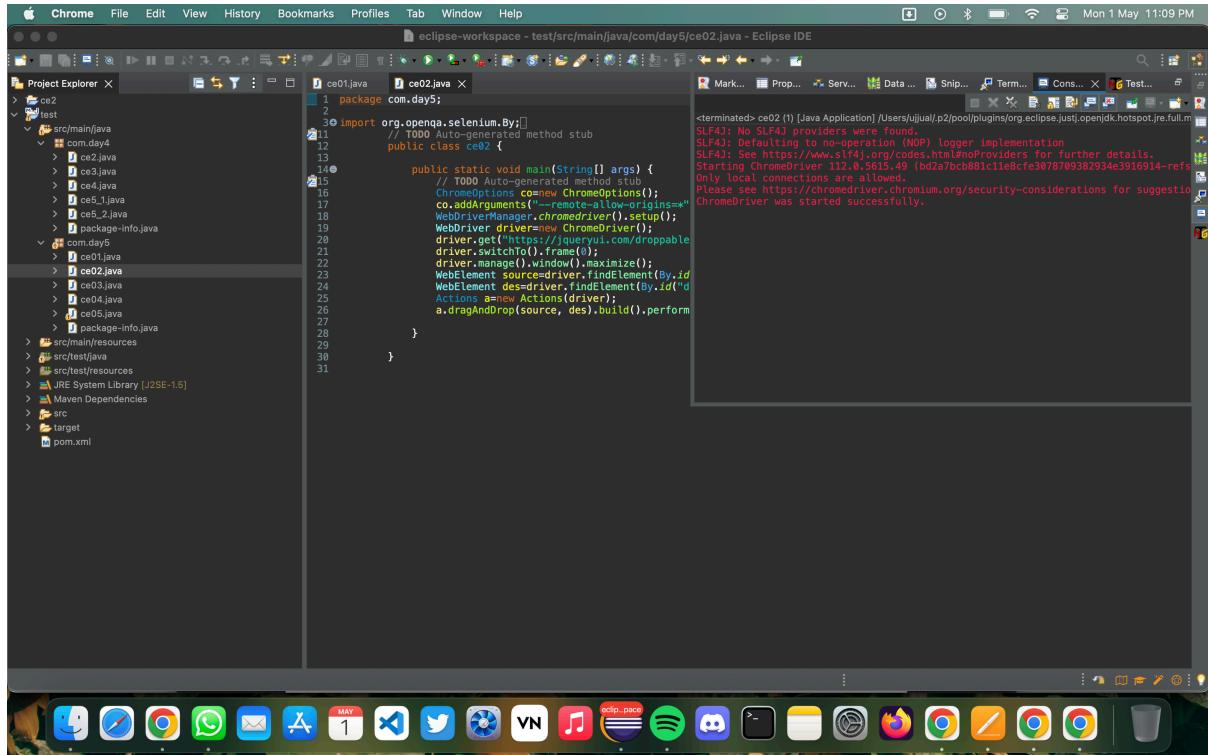
        a.dragAndDrop(source, des).build().perform();

    }

}

```

OUTPUT:



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with files like ce01.java, ce02.java, etc.
- Code Editor:** Displays the Java code for the ce02.java file, which includes imports for Selenium and a main method performing a drag-and-drop action.
- Terminal:** Shows the command-line output of the Java application. It includes messages about SLF4J providers, defaulting to no-operation logger, starting ChromeDriver, and confirming its successful startup.
- Mac OS Dock:** At the bottom, the Mac OS dock shows various application icons.

```

1 package com.day5;
2
3 import org.openqa.selenium.By;
4 // TODO Auto-generated method stub
5 public class ce02 {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9         ChromeOptions co=new ChromeOptions();
10        co.addArguments("--disable-web-security");
11        co.addArguments("useAutomationExtension=true");
12        WebDriverManager.chromedriver().setup();
13        WebDriver driver=new ChromeDriver();
14        driver.get("https://jqueryui.com/droppable");
15        driver.switchTo().frame(0);
16        driver.manage().window().maximize();
17        WebElement des=driver.findElement(By.id("droppable"));
18        Actions a=new Actions(driver);
19        a.dragAndDrop(source, des).build().perform();
20
21    }
22
23 }
24
25
26
27
28
29
30
31

```

```

<terminated> ce02 (!) [Java Application] /Users/ujjwal/p2/pool/plugins/org.eclipse.justj.openjdk.hotspot.jre.full.m
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcbb81c1e8fe3078709382934e3916914-refs
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions
ChromeDriver was started successfully.

```

CE 3:

Task 03:

- Enter the Customer Id is 401.
- Click “Submit”
- Click Cancel
- Enter the Customer Id is 402.
- Click “Submit”
- Click Ok
- Print the success message from alert box.

https://demo.guru99.com/test/delete_customer.php



CODING:

```
package com.day5;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
//import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ce3 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver=new EdgeDriver();
```

```

driver.get("https://demo.guru99.com/test/delete_customer.php");
driver.manage().window().maximize();

WebElement rname=driver.findElement(By.name("cusid"));
rname.sendKeys("401");

driver.findElement(By.name("submit")).click();

driver.switchTo().alert().dismiss();

WebElement dname=driver.findElement(By.name("cusid"));
dname.sendKeys("402");

driver.findElement(By.name("submit")).click();

driver.switchTo().alert().accept();

}

}

```

OUTPUT:

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure with files like ce01.java, ce02.java, ce03.java, etc.
- ce03.java Content:**

```

1 package com.day5;
2
3 import org.openqa.selenium.Alert;
4
5 public class ce03 {
6     public static void main(String[] args) throws InterruptedException {
7         // TODO Auto-generated method stub
8         ChromeOptions co=new ChromeOptions();
9         co.addArguments("--remote-allow-origins=*");
10        WebDriverManager.chromedriver().setup();
11        WebDriver driver=new ChromeDriver();
12        driver.get("https://demo.guru99.com/test/delete_customer.php");
13        driver.manage().window().maximize();
14        WebElement txt=driver.findElement(By.xpath("//html"));
15        txt.sendKeys("401");
16        WebElement button=driver.findElement(By.xpath("//button"));
17        button.click();
18        Thread.sleep(3000);
19        Alert dis=driver.switchTo().alert();
20        dis.dismiss();
21        txt.clear();
22        txt.sendKeys("402");
23        button.click();
24        Thread.sleep(3000);
25        dis.accept();
26        System.out.println(dis.getText());
27    }
28 }

```
- Terminal:** Shows the output of chromedriver startup logs, indicating it was started successfully.

CE 4:

Task 04:

Automate the booking Progress of AbhiBus.com

<https://www.abhibus.com/bus-ticket-booking>

1. Enter the value of "Leaving From", "Going to" and "Date of Journey"



```
package com.day5;
```

```
import org.openqa.selenium.By;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.chrome.ChromeOptions;  
import org.openqa.selenium.edge.EdgeDriver;
```



```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
public class ce4 {
```

```
    public static void main(String[] args)  
    {  
        ChromeOptions co=new ChromeOptions();  
        co.addArguments("--remote-allow-origins*=");  
        WebDriverManager.chromedriver().setup();  
        WebDriver driver=new EdgeDriver();  
        driver.navigate().to("https://www.abhibus.com/bus-ticket-booking");  
        driver.manage().window().maximize();  
        driver.findElement(By.xpath("//*[@id='datepicker1']")).click();
```

```

        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-div\"]/div[1]/table/
tbody/tr[5]/td[6]/a")).click();

        WebElement source=driver.findElement(By.xpath("//*[@id=\"source\"]"));

        source.sendKeys("Coimbatore");

WebElement dest=driver.findElement(By.xpath("//*[@id=\"destination\"]"));

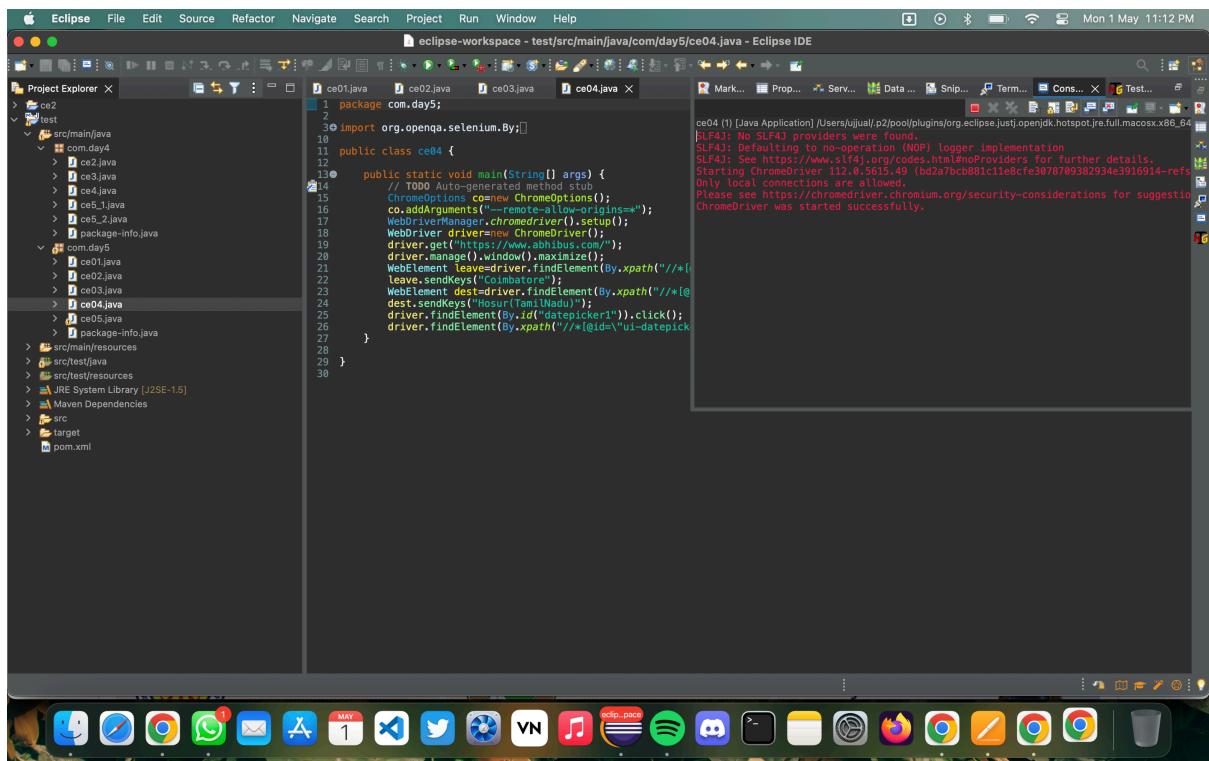
        dest.sendKeys("Chidambaram");

    }

}

```

OUTPUT:



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with packages like com.day4 and com.day5 containing various Java files (ce01.java, ce02.java, etc.).
- Code Editor:** Displays the content of ce04.java.
- Output View:** Shows log messages related to the Selenium WebDriver setup and execution.
- System Tray:** Shows the Mac OS X dock with various application icons.

```

1 package com.day5;
2
3 import org.openqa.selenium.By;
4
5 public class ce04 {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9         ChromeOptions co=new ChromeOptions();
10        co.addArguments("--remote-allow-origins=*");
11        WebDriver driver=new ChromeDriver();
12        driver.get("https://www.abhibus.com/");
13        driver.manage().window().maximize();
14        WebElement leave=driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-day\"]"));
15        leave.sendKeys("Coimbatore");
16        WebElement dest=driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
17        dest.sendKeys("Jesur(TamilNadu)");
18        driver.findElement(By.id("datepicker1")).click();
19        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
20        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
21        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
22        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
23        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
24        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
25        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
26        driver.findElement(By.xpath("//*[@id=\"ui-datepicker-current-month\"]"));
27    }
28
29 }
30
31
32
33
34
35
36
37
38

```

Output Log:

```

ce04 () [Java Application] /Users/ujwal/p2/pool/plugins/org.eclipse.jst.opendk.hotspot/re.full.macosx-x86_64
SLF4J: No SLF4J providers were found
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bb81c1e8cf3e307879382934e3916914-refs
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions.
ChromeDriver was started successfully.

```

CE 5:

Task 05:

1. Open 3 browser
2. Launch Google.com in all 3 browsers
3. Search “Apple” in First Browser
4. Search “Selenium” in Second Browser
5. Search “Cucumber” in Third Browser.
6. Print all the Windows IDs.
7. Print all the title of the Page.

CODING:

```
package com.day5;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.edge.EdgeDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class ce05 {

    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();

        WebDriver driver=new ChromeDriver();
```

```
String gog="https://www.google.com/";
driver.get (gog) ;
driver.manage () .window () .maximize () ;

WebDriver driver1=new ChromeDriver();
String gog1="https://www.google.com/";
driver1.get (gog1) ;
driver1.manage () .window () .maximize () ;

WebDriver driver2=new ChromeDriver ();
String gog2="https://www.google.com";
driver2.get (gog2);
driver2.manage().window().maximize();

driver.findElement(By.id("APjFqb")).sendKeys("Apple");
driver.findElement(By.xpath ("/html/body/div [1]/div [3]/form/div [1]/div [1]/div [4]/center/input [1]")).click ();
Thread.sleep(3000);

driver1.findElement(By.id("APjFqb")).sendKeys("Selenium");
driver1.findElement(By.xpath ("/html/body/div [1]/div [3]/form/div[1]/div [1]/div [4]/center/input [1]")).click ();
Thread.sleep(3000);

driver2.findElement(By.id("APjFqb")).sendKeys("cucumber") ;
driver2.findElement(By.xpath("/html/body/div [1]/div [3]/form/div [1]/div [1]/div [4]/center/input [1]")).click ();
Thread.sleep(3000);

System.out.println(driver.getWindowHandle());
```

```
        System.out.println(driver1.getWindowHandle());  
  
        System.out.println(driver2.getWindowHandle());  
  
        System.out.println(driver.getTitle());  
  
        System.out.println(driver1.getTitle());  
  
        System.out.println(driver2.getTitle());  
    }  
}
```

OUTPUT :

Eclipse IDE - eclipse-workspace - test/src/main/java/com/day/ce05.java

```
1 package com.day5;
2
3 import org.openqa.selenium.By;
4
5 public class ce05 {
6
7     public static void main(String[] args) throws InterruptedException {
8         // TODO Auto-generated method stub
9         WebDriverManager.chromedriver().setup();
10        WebDriver driver=new ChromeDriver();
11        String gogg="https://www.google.com/";
12        driver.get(gogg);
13        driver.manage().window().maximize();
14
15        WebDriver driver1=new ChromeDriver();
16        String gogg1="https://www.google.com/";
17        driver1.get(gogg1);
18        driver1.manage().window().maximize();
19
20        WebDriver driver2=new ChromeDriver();
21        String gogg2="https://www.google.com/";
22        driver2.get(gogg2);
23        driver2.manage().window().maximize();
24
25        driver.findElement(By.id("AP_Fpb")).sendKeys("Apple");
26        driver.findElement(By.xpath("//html/body/div[1]/div[3]/form/div[1]/div[4]/center/input[1]")).click();
27        Thread.sleep(3000);
28
29        driver1.findElement(By.id("AP_Fpb")).sendKeys("Selenium");
30        driver1.findElement(By.xpath("//html/body/div[1]/div[3]/form/div[1]/div[4]/center/input[1]")).click();
31        Thread.sleep(3000);
32
33        driver2.findElement(By.id("AP_Fpb")).sendKeys("cucumber");
34        driver2.findElement(By.xpath("//html/body/div[1]/div[3]/form/div[1]/div[4]/center/input[1]")).click();
35        Thread.sleep(3000);
36
37        System.out.println(driver.getWindowHandle());
38        System.out.println(driver1.getWindowHandle());
39        System.out.println(driver2.getWindowHandle());
40        System.out.println(driver.getTitle());
41        System.out.println(driver1.getTitle());
42        System.out.println(driver2.getTitle());
43    }
44
45 }
```