

Testing_D5_SeleniumWebHandlers

1).

CODE:

```
package com.selenium.softwaretesting.test1;

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 Day5q1 {

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

        WebDriverManager.chromedriver().setup();

        //System.setProperty("webdriver.chrome.driver","C:\\drivers\\chromedriver.exe");

        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

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

        Actions a=new Actions(driver);

        WebElement source_ele=driver.findElement(By.id("draggable"));
        WebElement dest_ele=driver.findElement(By.id("droppable"));
        a.clickAndHold(source_ele).release(dest_ele).build().perform();
        // a.dragAndDrop(source_ele, dest_ele).build().perform();
    }
}
```

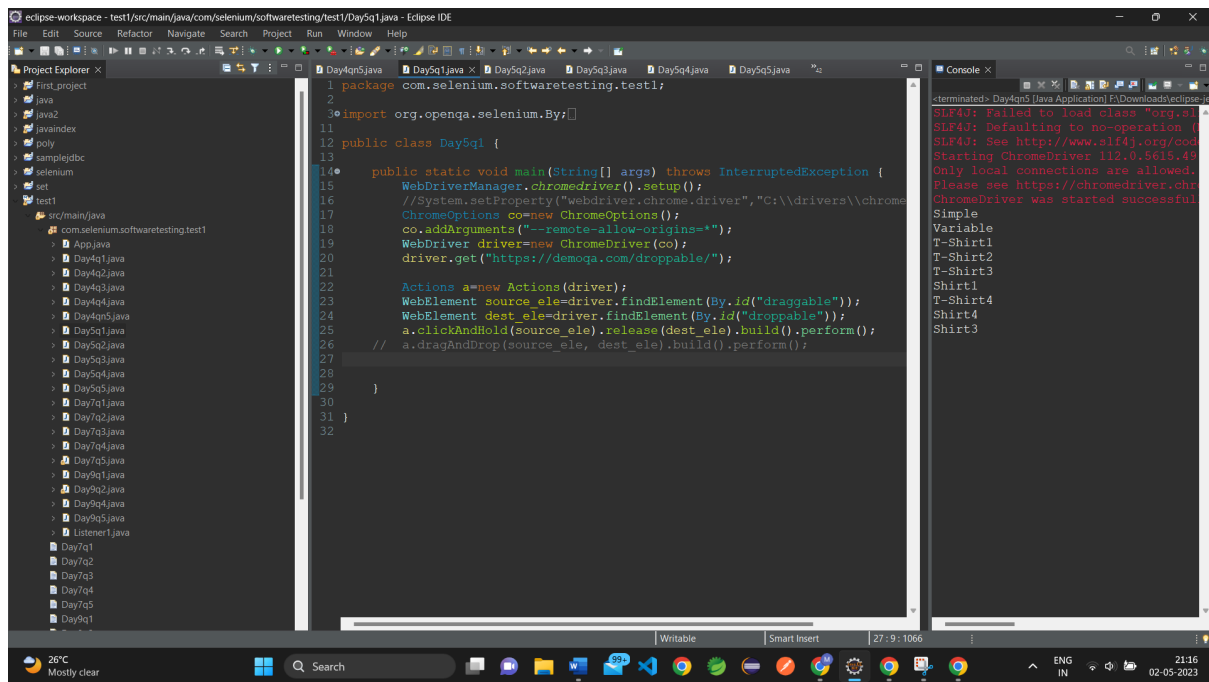
```

    }

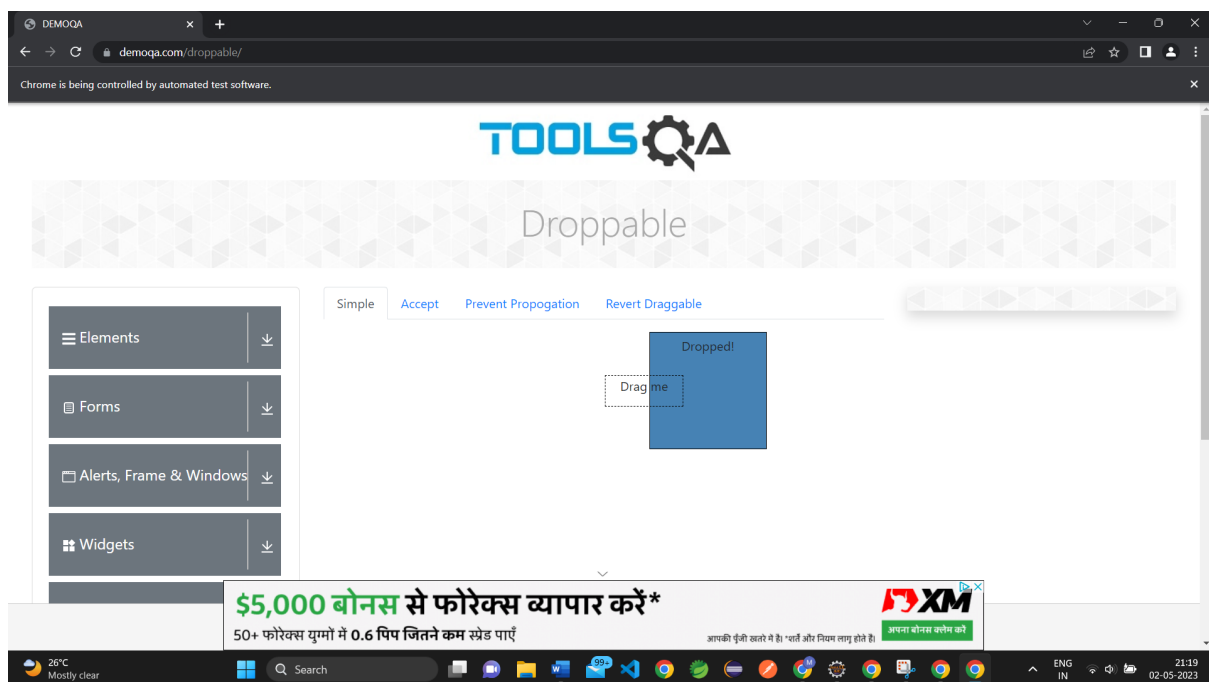
}

```

SNAPSHOT:



OUTPUT:



2).CODE:

```
package com.selenium.softwaretesting.test1;

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;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.interactions.Actions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Day5q2 {

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

        // TODO Auto-generated method stub
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);

        //open an url
        driver.get("https://jqueryui.com/droppable/");

        //maximise
        driver.manage().window().maximize();
        Thread.sleep(3000);
        JavascriptExecutor js = (JavascriptExecutor) driver;
        js.executeScript("window.scrollTo(0,1000)","");

        //switch to frame
        driver.switchTo().frame(0);

        //class and obj
```

Actions a=new Actions(driver);

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

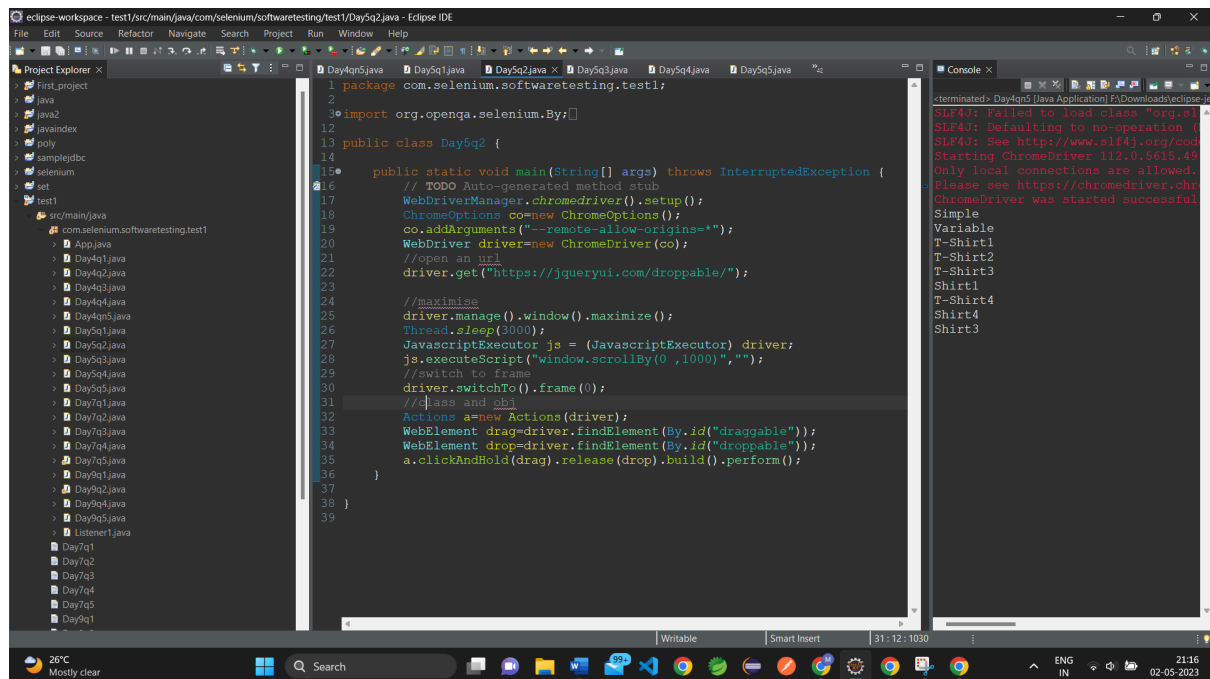
WebElement drop=driver.findElement(By.id("droppable"));

a.clickAndHold(drag).release(drop).build().perform();

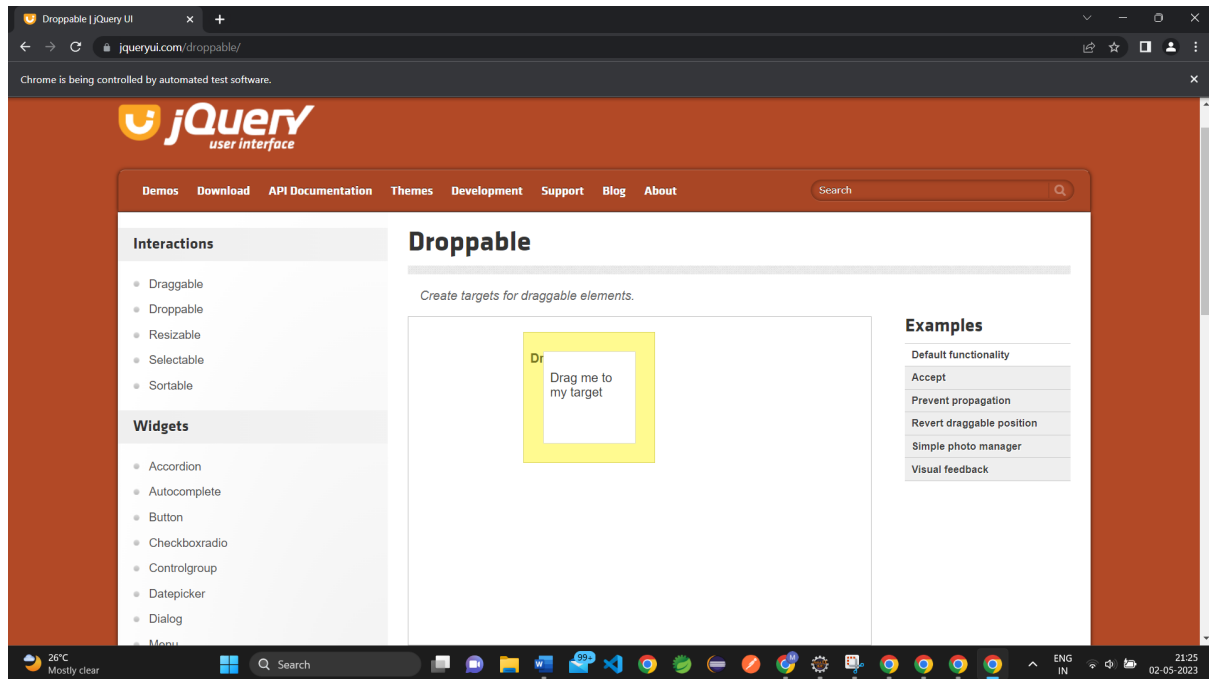
}

}

SNAPSHOT:



OUTPUT:



3).CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import org.openqa.selenium.Alert;
```

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

```
public class Day5q3 {
```

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

```
        // TODO Auto-generated method stub
```

```
        WebDriverManager.chromedriver().setup();
```

```
ChromeOptions co=new ChromeOptions();
co.addArguments("--remote-allow-origins=*");

    WebDriver driver=new ChromeDriver(co);

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

    WebElement txt_box= driver.findElement(By.name("cusid"));

    WebElement submit_btn=driver.findElement(By.name("submit"));

    txt_box.sendKeys("401");

    submit_btn.click();

    Thread.sleep(3000);

    Alert alert1=driver.switchTo().alert();

    alert1.dismiss();

    Thread.sleep(3000);

    txt_box.clear();

    txt_box.sendKeys("402");

    submit_btn.click();

    Thread.sleep(3000);

    Alert alert2=driver.switchTo().alert();

    alert2.accept();

    Thread.sleep(3000);

    Alert alert3=driver.switchTo().alert();

        String txt=alert3.getText();

        alert3.accept();

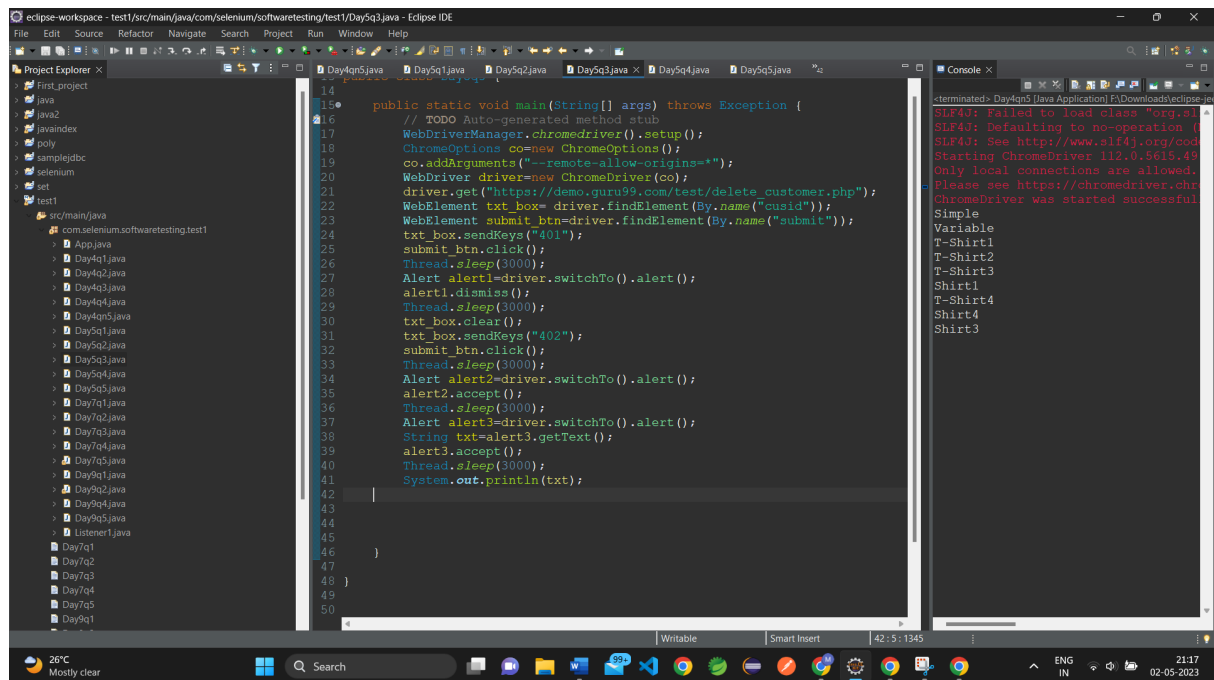
        Thread.sleep(3000);

        System.out.println(txt);

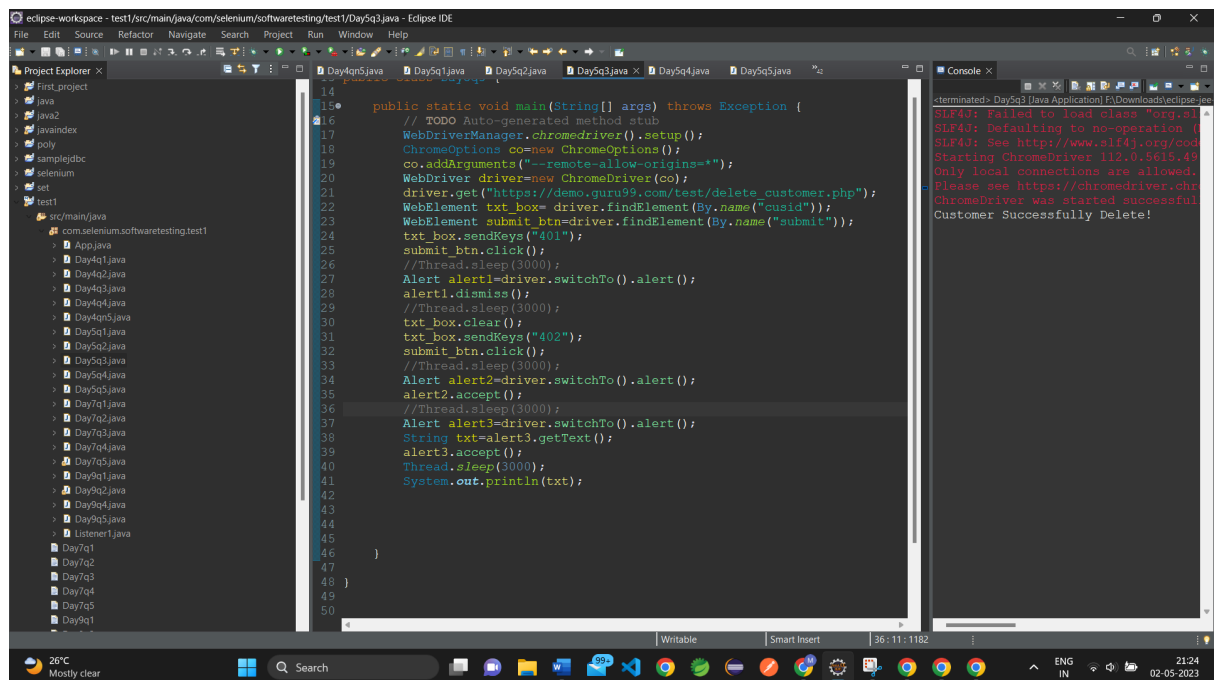
    }

}
```

SNAPSHOT:



OUTPUT:



4).CODE:

package com.selenium.softwaretesting.test1;

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;

import org.openqa.selenium.chrome.ChromeOptions;


import io.github.bonigarcia.wdm.WebDriverManager;


public class Day5q4 {

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

        // TODO Auto-generated method stub

        WebDriverManager.chromedriver().setup();

        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");

        WebDriver driver=new ChromeDriver(co);

        driver.get("https://www.abhibus.com/bus-ticket-booking");

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

        src.sendKeys("Coimbatore");

        WebElement dst=driver.findElement(By.id("destination"));

        dst.sendKeys("Chennai");

        WebElement datepick=driver.findElement(By.xpath("//*[@id=\"datepicker1\"]"));

        JavascriptExecutor js=(JavascriptExecutor) driver;

        js.executeScript("arguments[0].setAttribute('value', '04/10/2023')",datepick);

        Thread.sleep(3000);

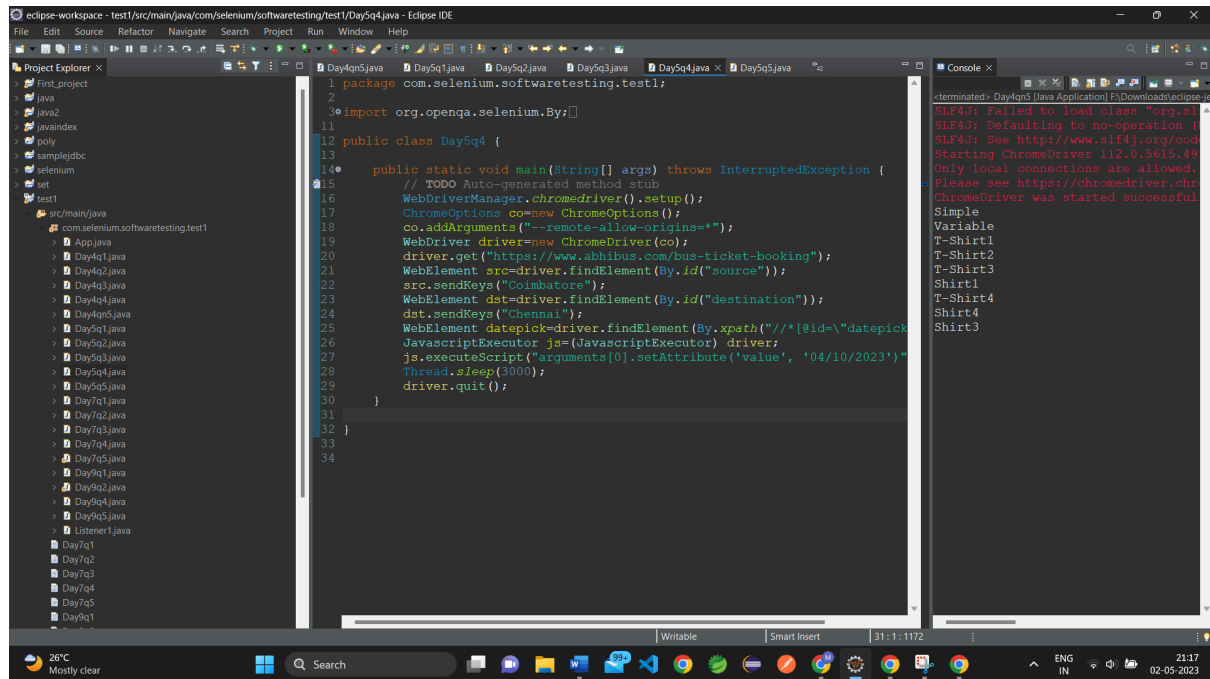
        driver.quit();

    }

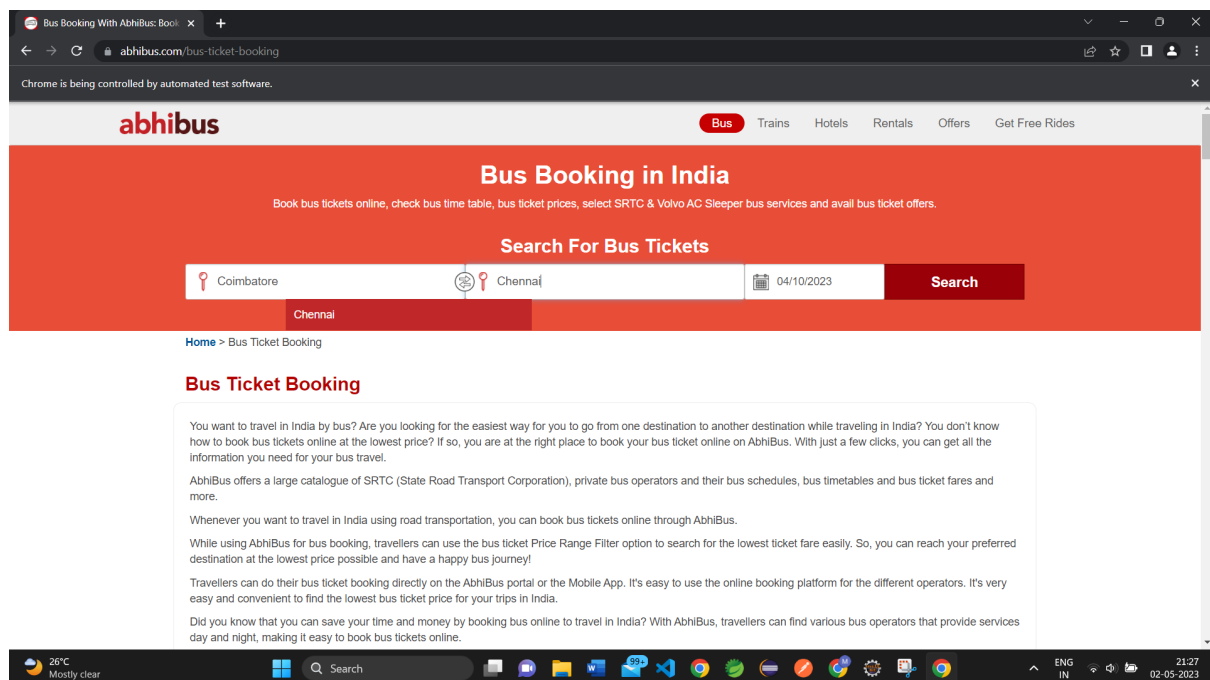
}

```


SNAPSHOT:



OUTPUT:



5).CODE:

```
package com.selenium.softwaretesting.test1;
```

```
import java.util.Set;
```

```

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WindowType;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

import io.github.bonigarcia.wdm.WebDriverManager;

public class Day5q5 {

    public static void main(String[] args) throws Exception {
        // TODO Auto-generated method stub
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);
        driver.get("https://google.com");
        driver.findElement(By.name("q")).sendKeys("Apple");
        driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
        Thread.sleep(3000);
        String t1=driver.getTitle();
        String i1=driver.getWindowHandle();
        System.out.println(t1);
        System.out.println(i1);
        //2nd tab
        driver.switchTo().newWindow(WindowType.TAB);
        driver.get("https://google.com");
        driver.findElement(By.name("q")).sendKeys("Selenium");
        driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
        Thread.sleep(3000);
    }
}

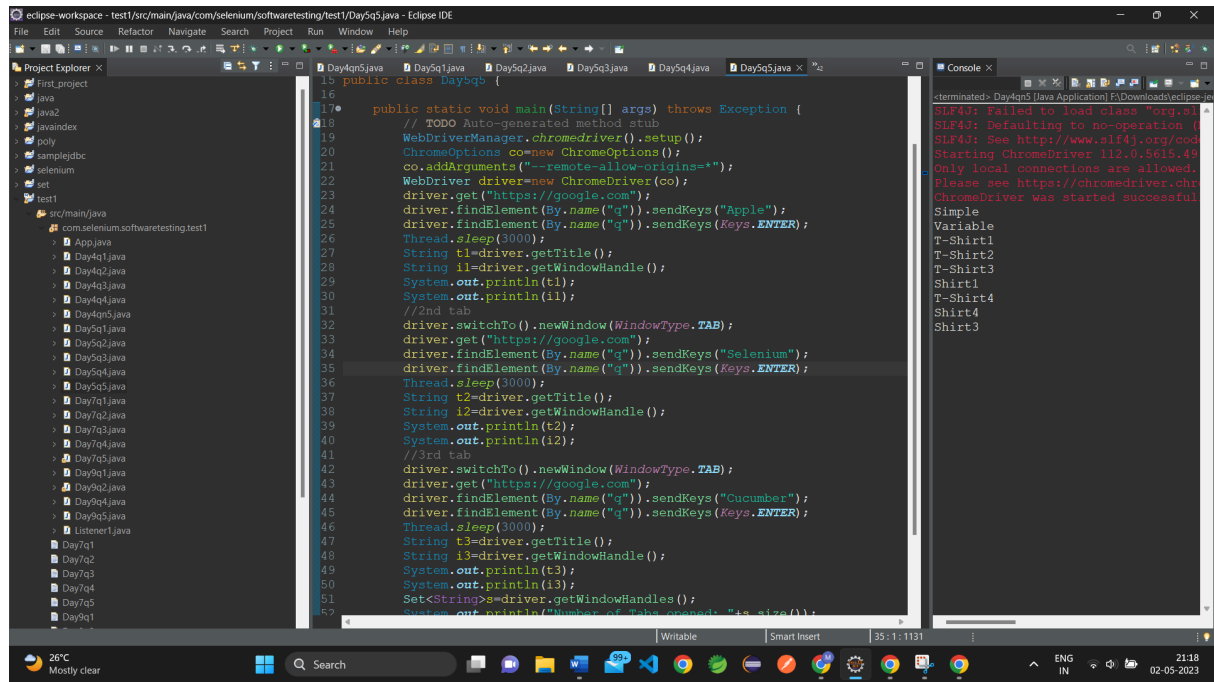
```

```
String t2=driver.getTitle();
String i2=driver.getWindowHandle();
System.out.println(t2);
System.out.println(i2);
//3rd tab
driver.switchTo().newWindow(WindowType.TAB);
driver.get("https://google.com");
driver.findElement(By.name("q")).sendKeys("Cucumber");
driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
Thread.sleep(3000);
String t3=driver.getTitle();
String i3=driver.getWindowHandle();
System.out.println(t3);
System.out.println(i3);
Set<String>s=driver.getWindowHandles();
System.out.println("Number of Tabs opened: "+s.size());
```

```
}
```

```
}
```

SNAPSHOT:



OUTPUT: