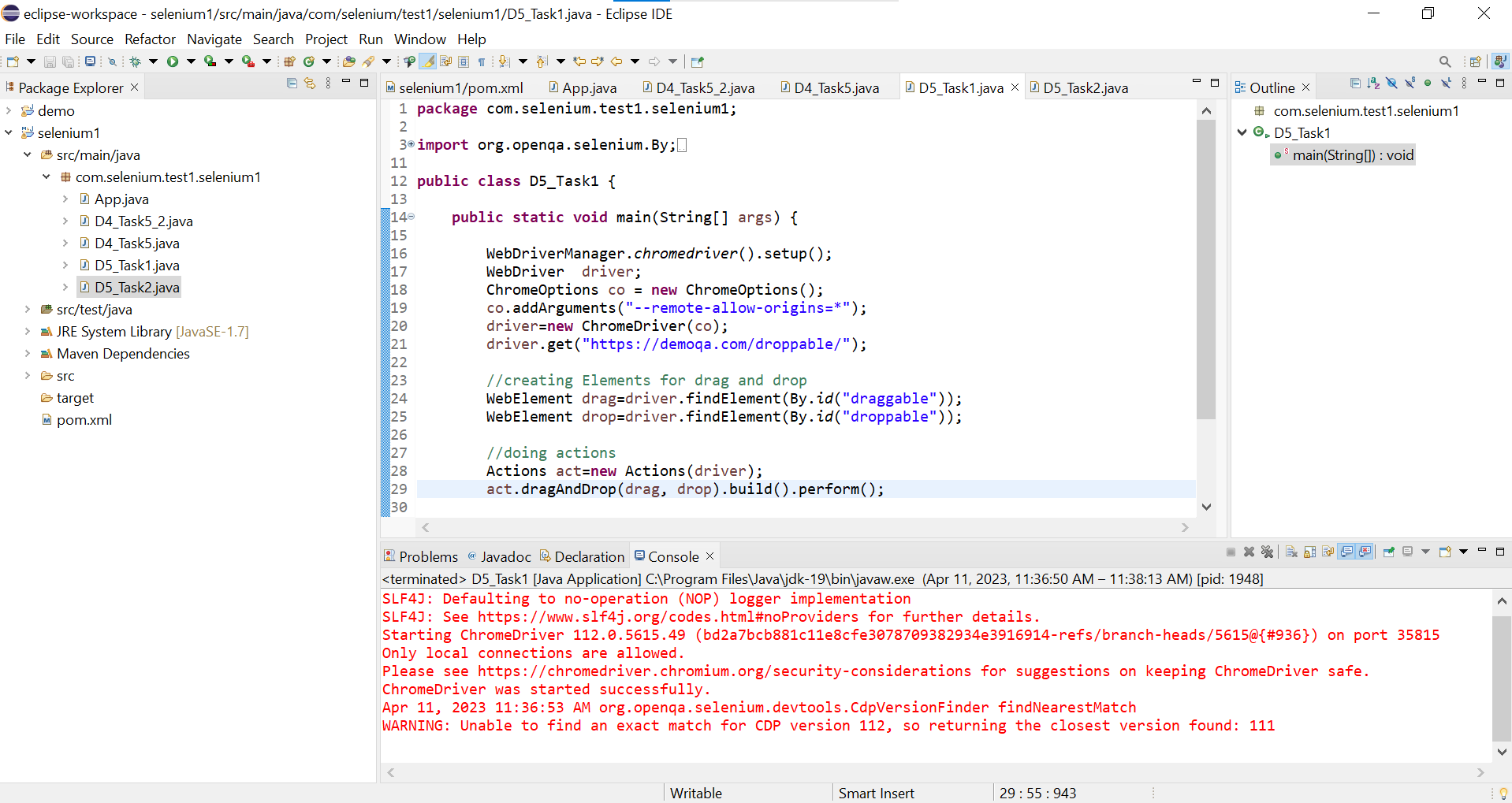
DAY-5

TASK-1



Code:

package com.selenium.test1.selenium1;

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 D5\_Task1 {

public static void main(String[] args) {

WebDriverManager.chromedriver().setup();

WebDriver driver;

ChromeOptions co = new ChromeOptions();

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

driver=new ChromeDriver(co);

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

//creating Elements for drag and drop

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

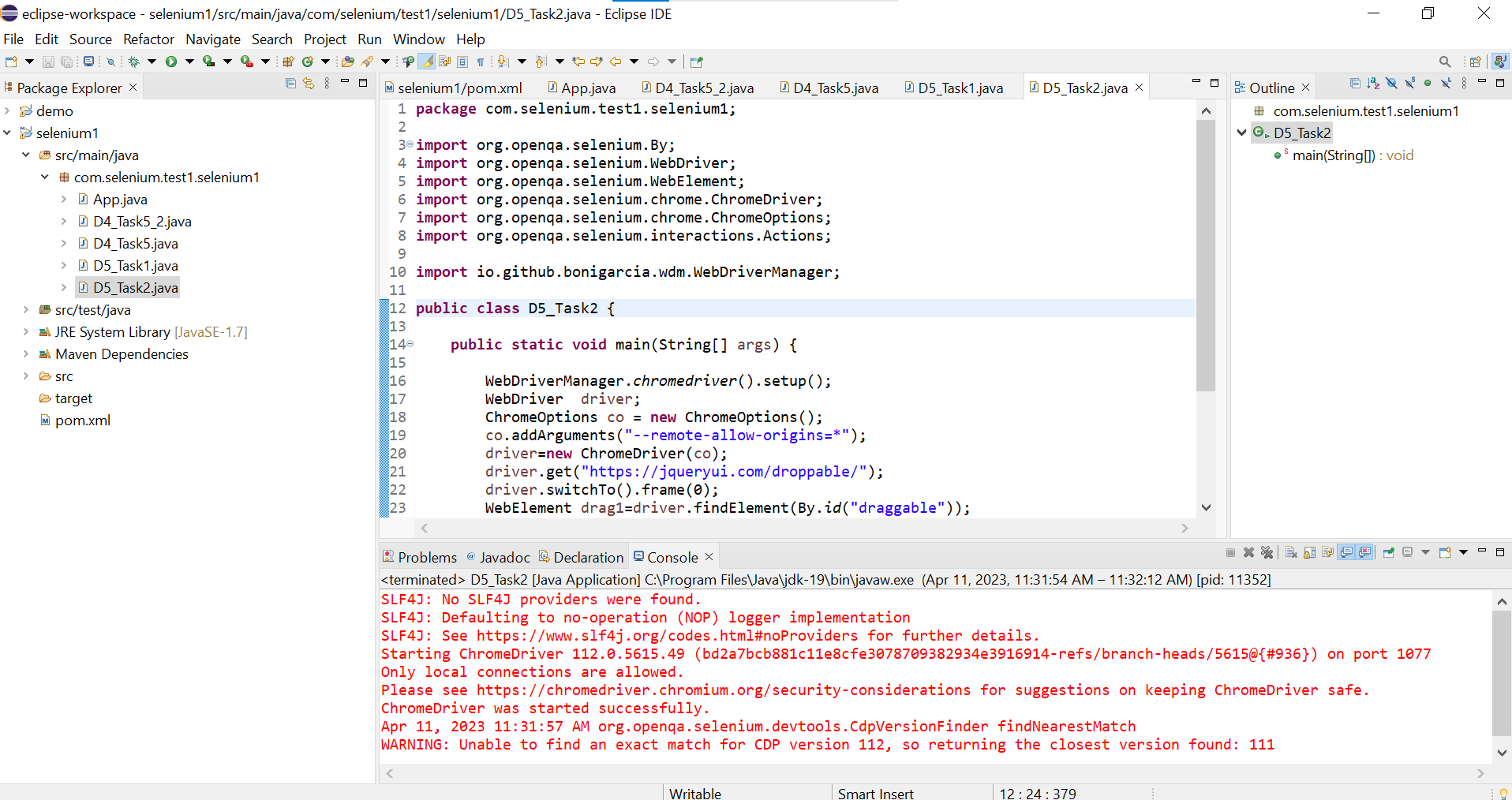
WebElement drop=driver.findElement(By.id("droppable"));

//doing actions

Actions act=new Actions(driver);

act.dragAndDrop(drag, drop).build().perform();}}

TASK-2



Code:

**package** com.selenium.test1.selenium1;

**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** D5\_Task2 {

**public** **static** **void** main(String[] args) {

WebDriverManager.*chromedriver*().setup();

WebDriver driver;

ChromeOptions co = **new** ChromeOptions();

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

driver=**new** ChromeDriver(co);

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

driver.switchTo().frame(0);

WebElement drag1=driver.findElement(By.*id*("draggable"));

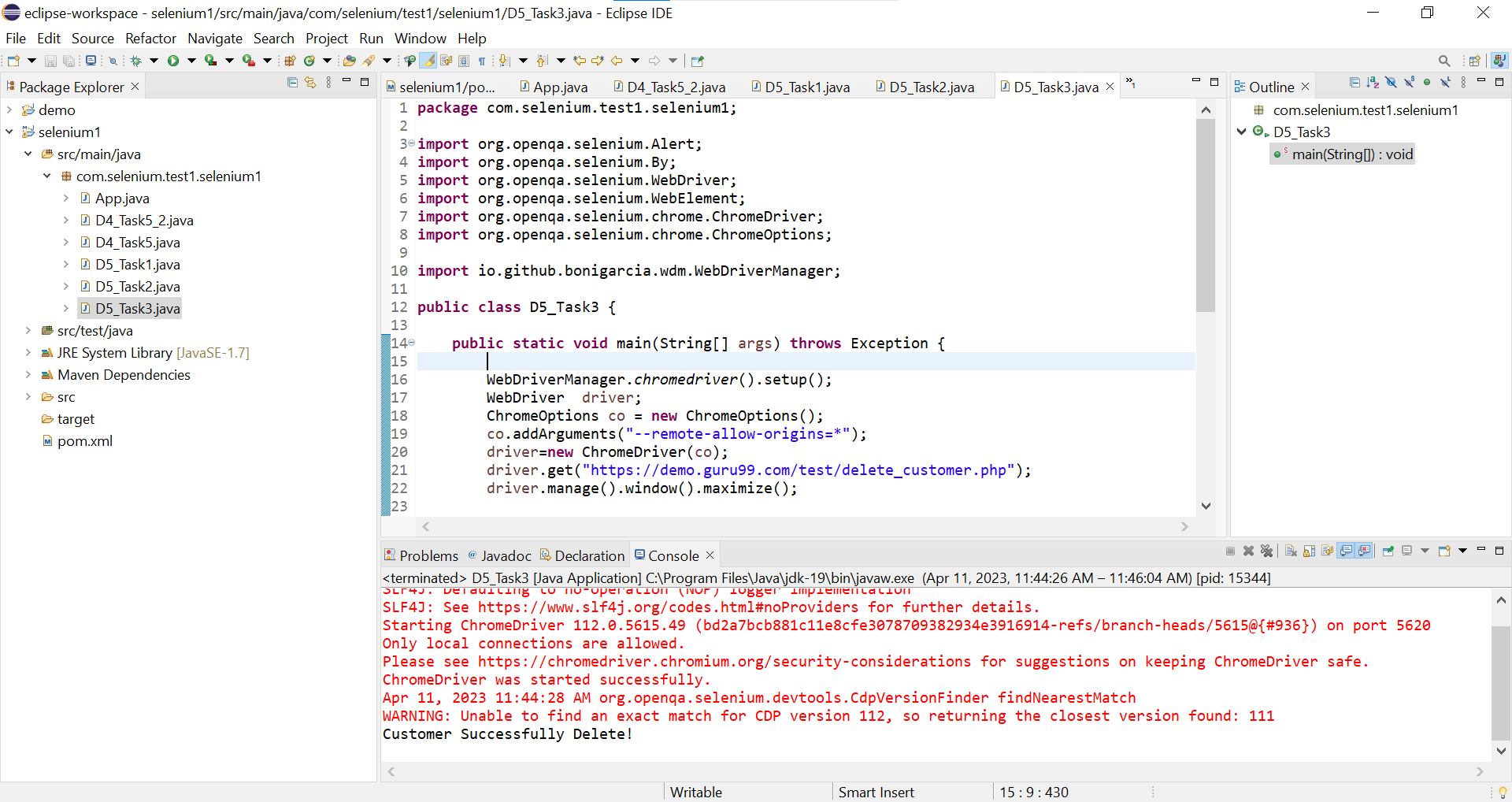
Actions act=**new** Actions(driver);

WebElement drop1=driver.findElement(By.*id*("droppable"));

act.dragAndDrop(drag1, drop1).build().perform();

}}

TASK-3



Code:

**package** com.selenium.test1.selenium1;

**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** D5\_Task3 {

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

WebDriverManager.*chromedriver*().setup();

WebDriver driver;

ChromeOptions co = **new** ChromeOptions();

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

driver=**new** ChromeDriver(co);

driver.get("https://demo.guru99.com/test/delete\_customer.php");

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

//enter 401 and clicking

WebElement txt1=driver.findElement(By.*name*("cusid"));

txt1.sendKeys("401");

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

//handling alert boxes

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

Thread.*sleep*(4000);

alt.dismiss();

txt1.clear();

txt1.sendKeys("402");

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

alt.accept();

Alert alt2=driver.switchTo().alert();

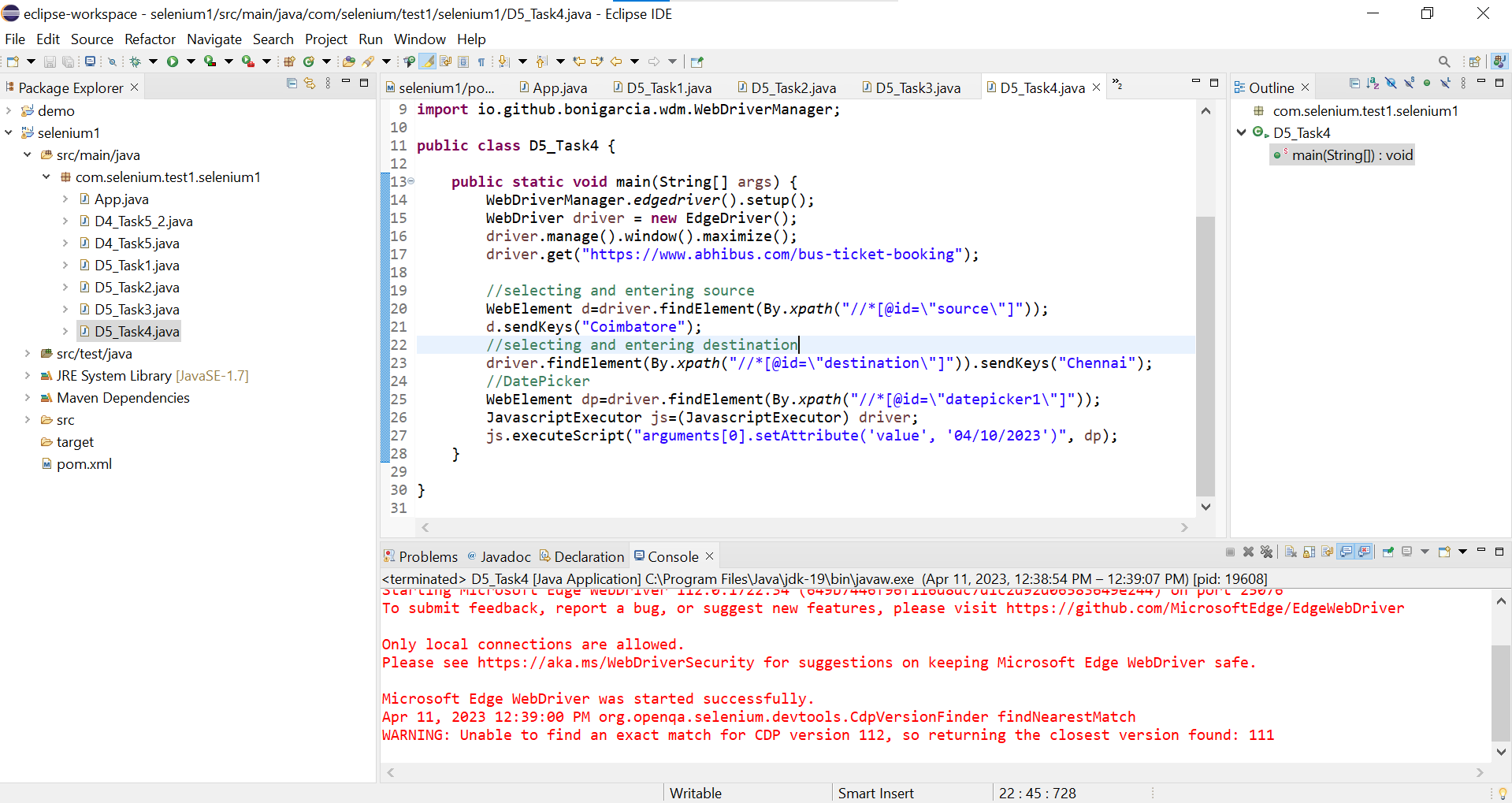
String txt=alt2.getText();

alt2.accept();

System.***out***.println(txt);

}}

TASK-4



Code:

**package** com.selenium.test1.selenium1;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.JavascriptExecutor;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.edge.EdgeDriver;

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

**public** **class** D5\_Task4 {

**public** **static** **void** main(String[] args) {

WebDriverManager.*edgedriver*().setup();

WebDriver driver = **new** EdgeDriver();

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

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

//selecting and entering source

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

d.sendKeys("Coimbatore");

//selecting and entering destination

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

//DatePicker

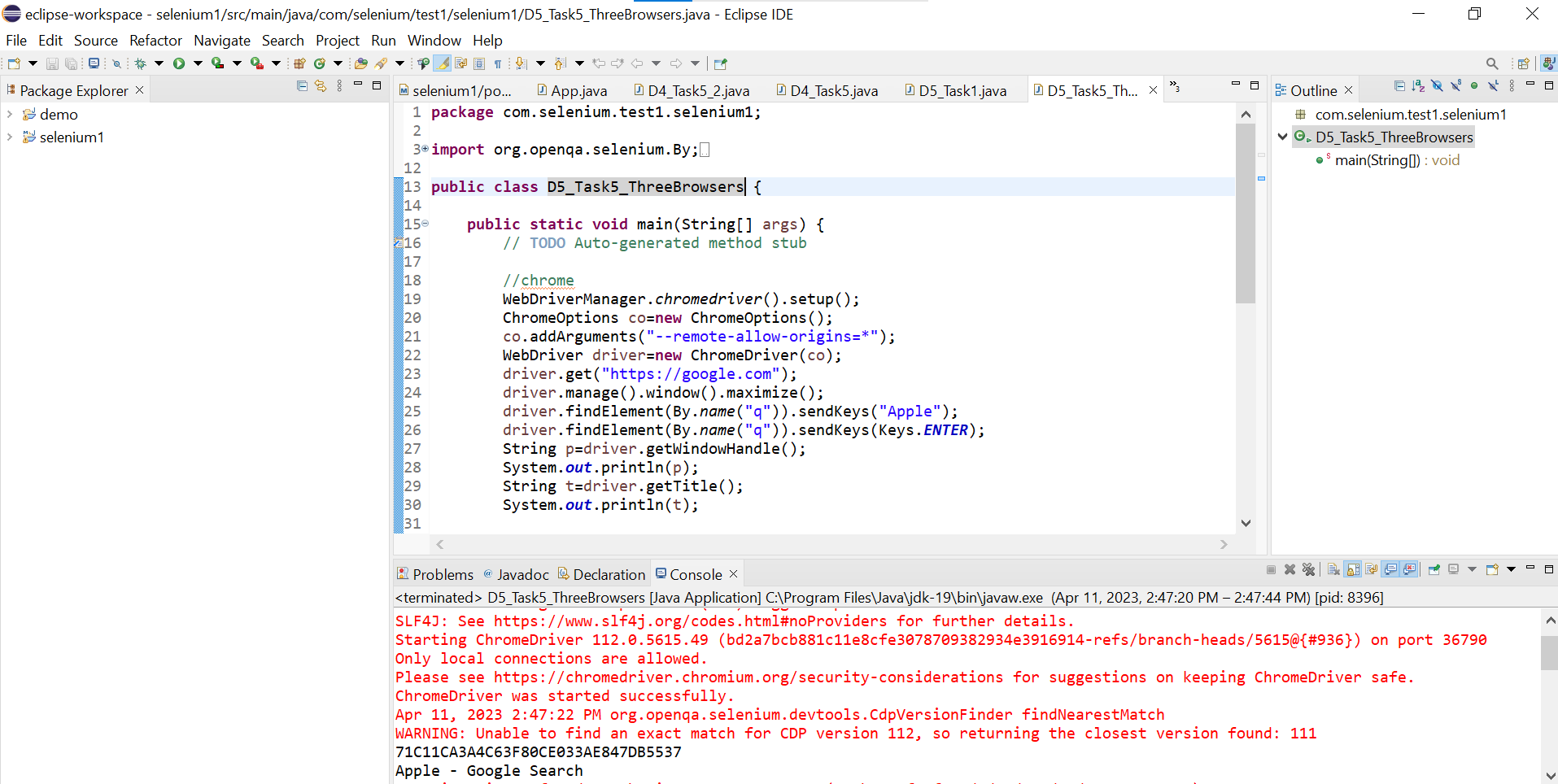
WebElement dp=driver.findElement(By.*xpath*("//\*[@id=\"datepicker1\"]"));

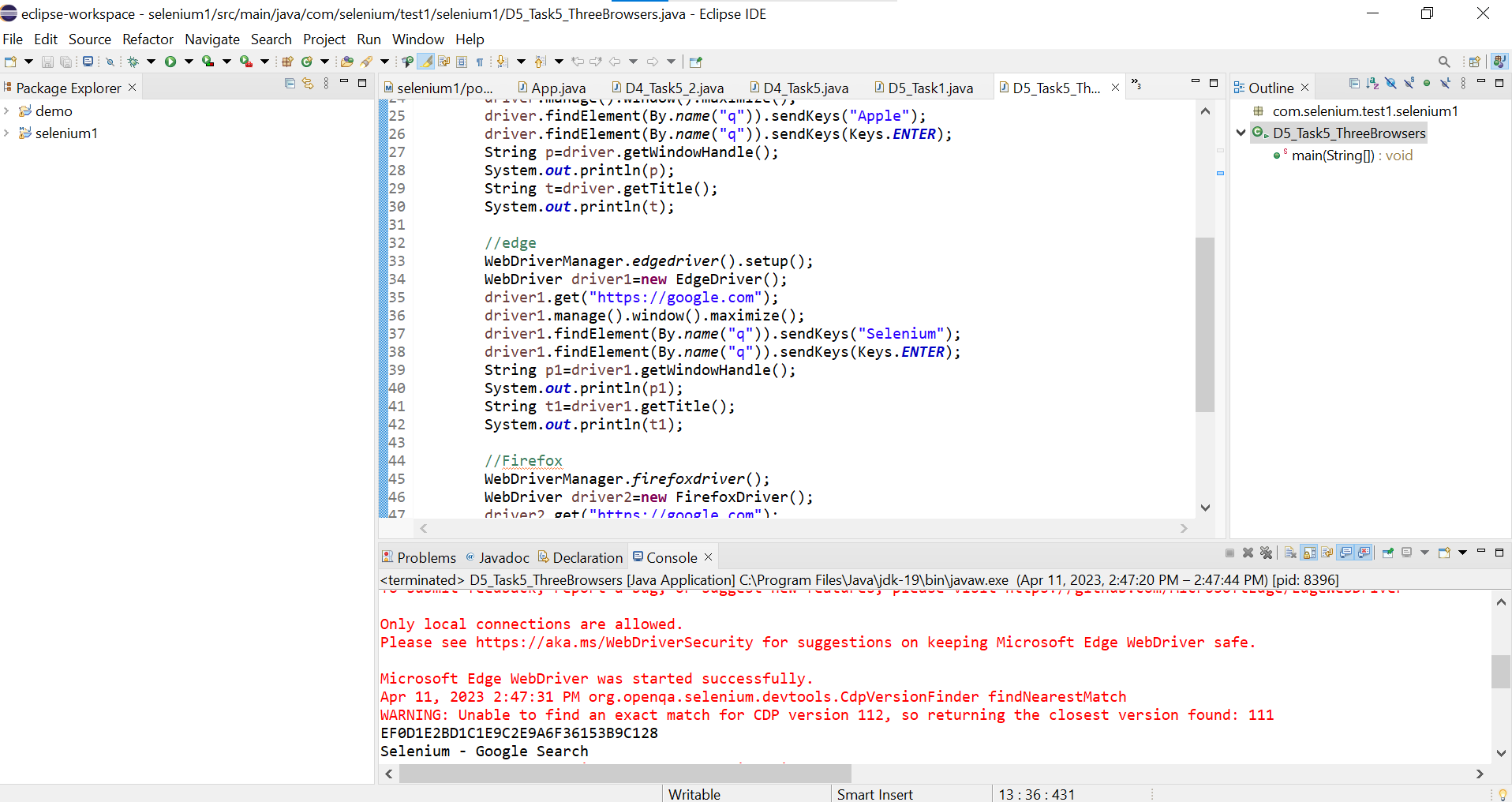
JavascriptExecutor js=(JavascriptExecutor) driver;

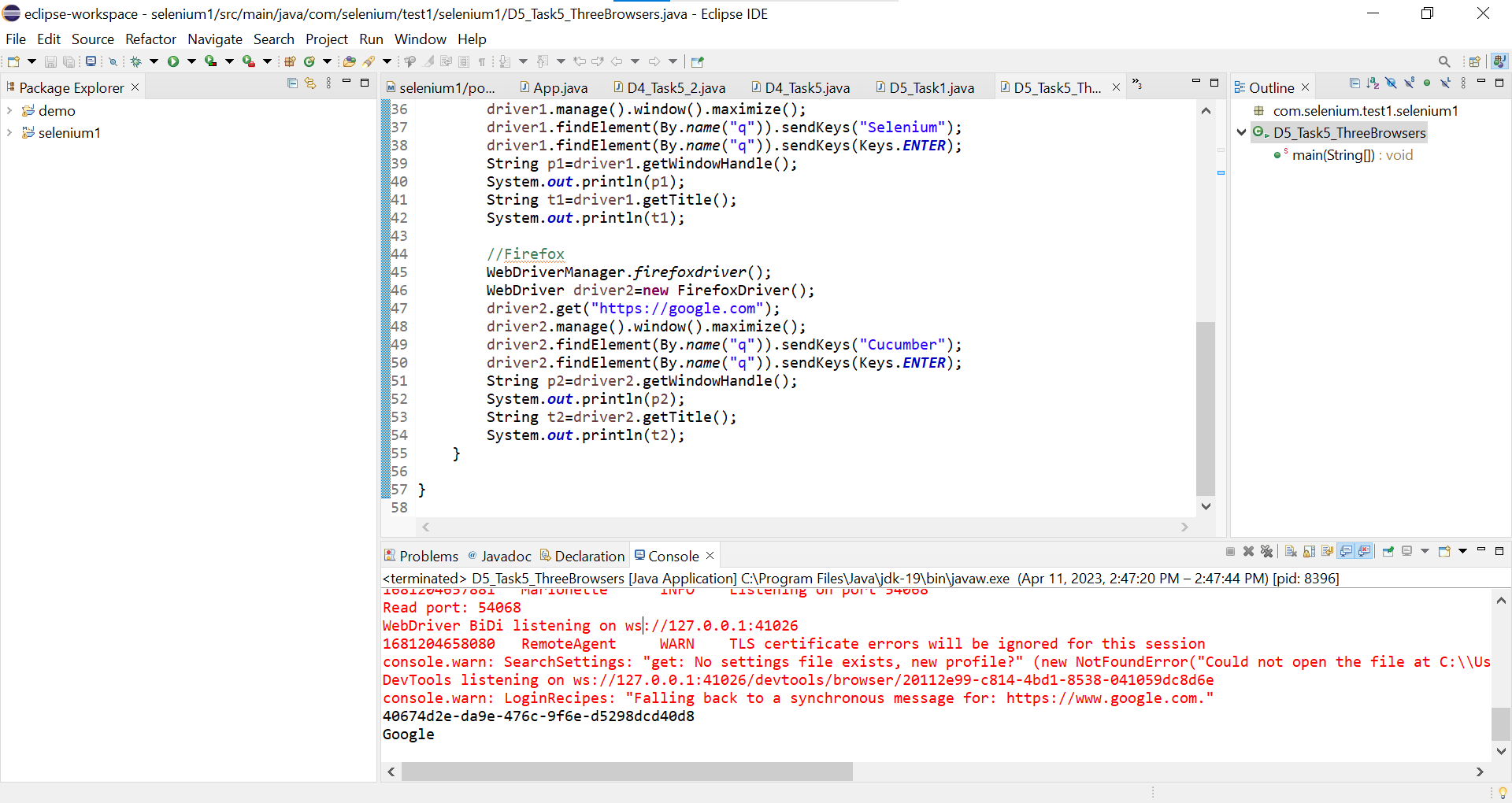
js.executeScript("arguments[0].setAttribute('value', '04/10/2023')", dp);

}}

TASK-5.1 (using three different browsers)







Code:

package com.selenium.test1.selenium1;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.chrome.ChromeOptions;

import org.openqa.selenium.edge.EdgeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import io.github.bonigarcia.wdm.WebDriverManager;

public class D5\_Task5\_ThreeBrowsers {

public static void main(String[] args) {

//chrome

WebDriverManager.chromedriver().setup();

ChromeOptions co=new ChromeOptions();

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

WebDriver driver=new ChromeDriver(co);

driver.get("https://google.com");

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

driver.findElement(By.name("q")).sendKeys("Apple");

driver.findElement(By.name("q")).sendKeys(Keys.ENTER);

String p=driver.getWindowHandle();

System.out.println(p);

String t=driver.getTitle();

System.out.println(t);

//edge

WebDriverManager.edgedriver().setup();

WebDriver driver1=new EdgeDriver();

driver1.get("https://google.com");

driver1.manage().window().maximize();

driver1.findElement(By.name("q")).sendKeys("Selenium");

driver1.findElement(By.name("q")).sendKeys(Keys.ENTER);

String p1=driver1.getWindowHandle();

System.out.println(p1);

String t1=driver1.getTitle();

System.out.println(t1);

//Firefox

WebDriverManager.firefoxdriver();

WebDriver driver2=new FirefoxDriver();

driver2.get("https://google.com");

driver2.manage().window().maximize();

driver2.findElement(By.name("q")).sendKeys("Cucumber");

driver2.findElement(By.name("q")).sendKeys(Keys.ENTER);

String p2=driver2.getWindowHandle();

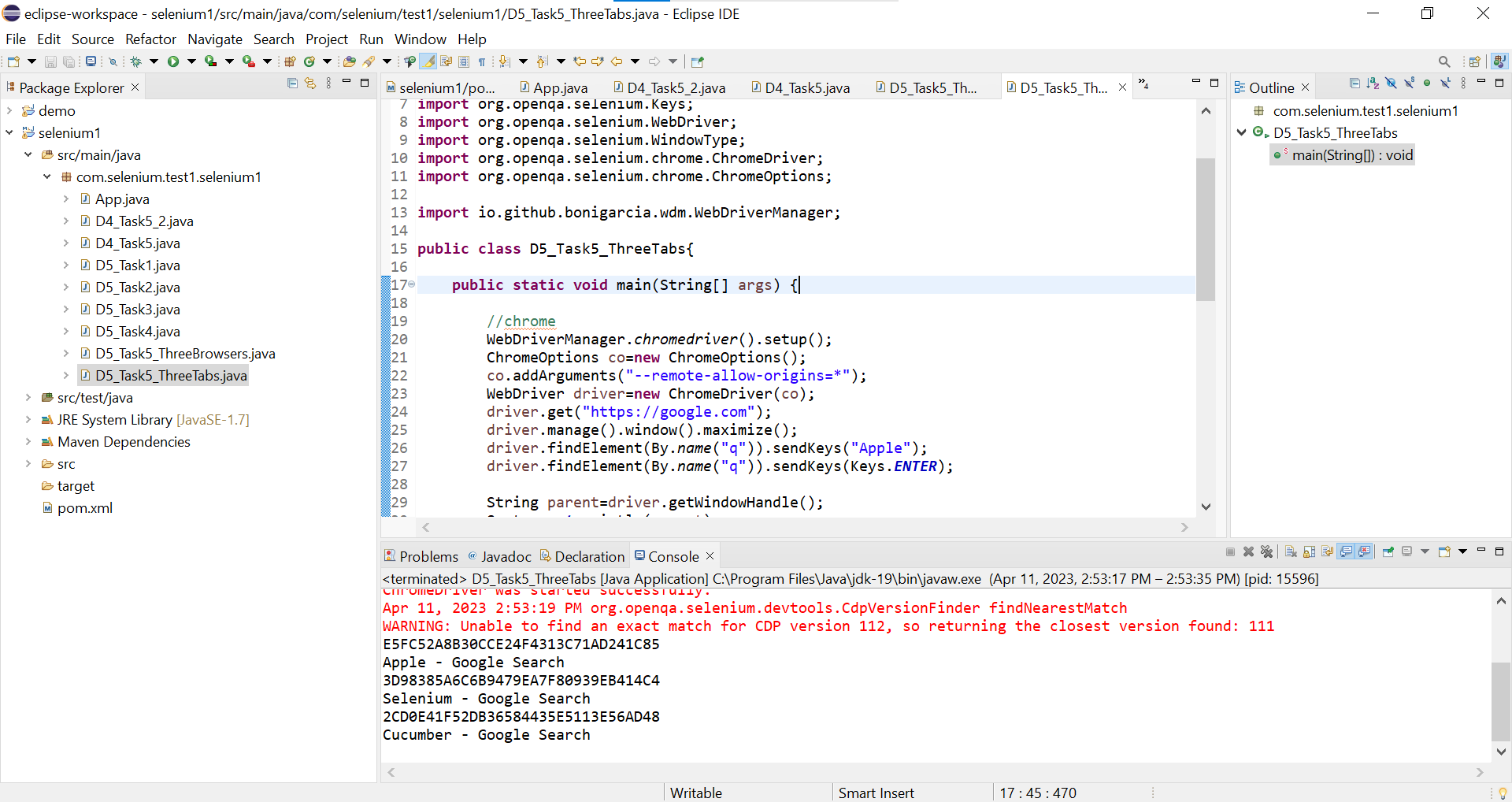
System.out.println(p2);

String t2=driver2.getTitle();

System.out.println(t2);

}}

TASK-5.2 (using 1 brower but three different tabs)



**package** com.selenium.test1.selenium1;

**import** java.util.Iterator;

**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** D5\_Task5\_ThreeTabs{

**public** **static** **void** main(String[] args) {

//chrome

WebDriverManager.*chromedriver*().setup();

ChromeOptions co=**new** ChromeOptions();

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

WebDriver driver=**new** ChromeDriver(co);

driver.get("https://google.com");

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

driver.findElement(By.*name*("q")).sendKeys("Apple");

driver.findElement(By.*name*("q")).sendKeys(Keys.***ENTER***);

String parent=driver.getWindowHandle();

System.***out***.println(parent);

System.***out***.println(driver.getTitle());

driver.switchTo().newWindow(WindowType.***TAB***);

driver.get("https://google.com");

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

driver.findElement(By.*name*("q")).sendKeys("Selenium");

driver.findElement(By.*name*("q")).sendKeys(Keys.***ENTER***);

driver.switchTo().newWindow(WindowType.***TAB***);

driver.get("https://google.com");

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

driver.findElement(By.*name*("q")).sendKeys("Cucumber");

driver.findElement(By.*name*("q")).sendKeys(Keys.***ENTER***);

Set<String>s=driver.getWindowHandles();

Iterator<String> I1=s.iterator();

**while**(I1.hasNext())

{

String child=I1.next();

**if**(!parent.equals(child))

{driver.switchTo().window(child);

System.***out***.println(driver.switchTo().window(child).getWindowHandle());

System.***out***.println(driver.switchTo().window(child).getTitle());}}}}