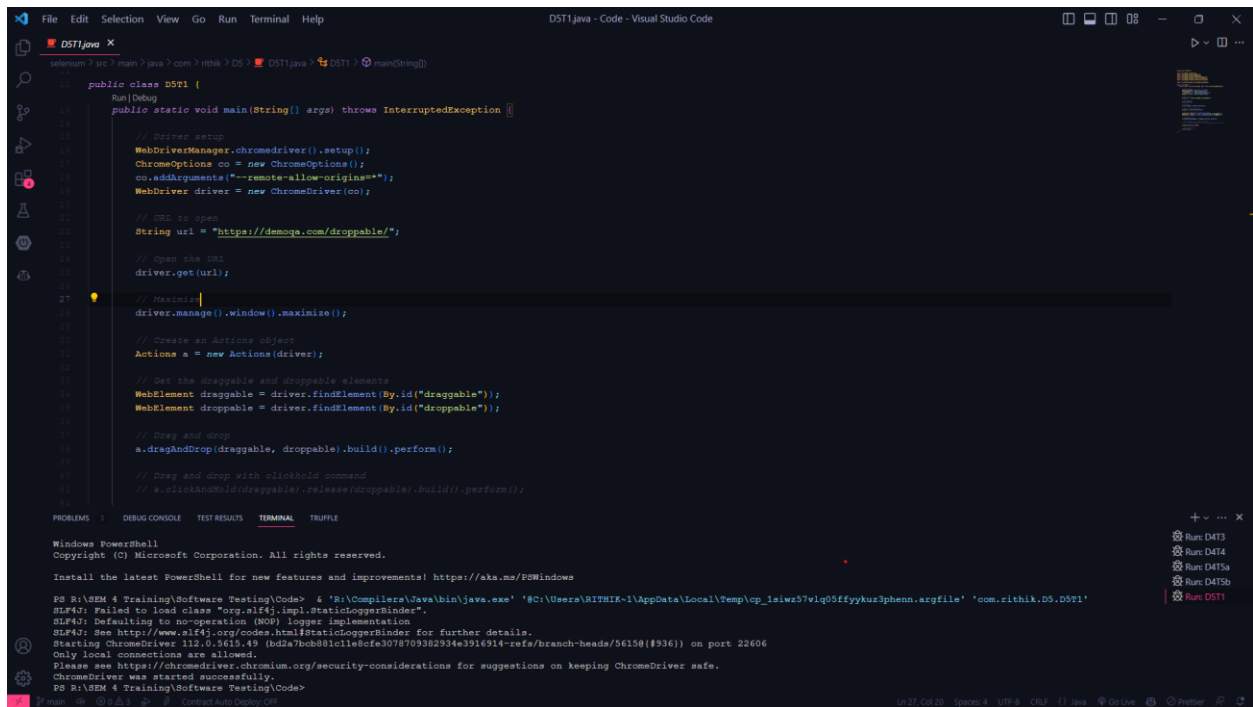


Task 1:



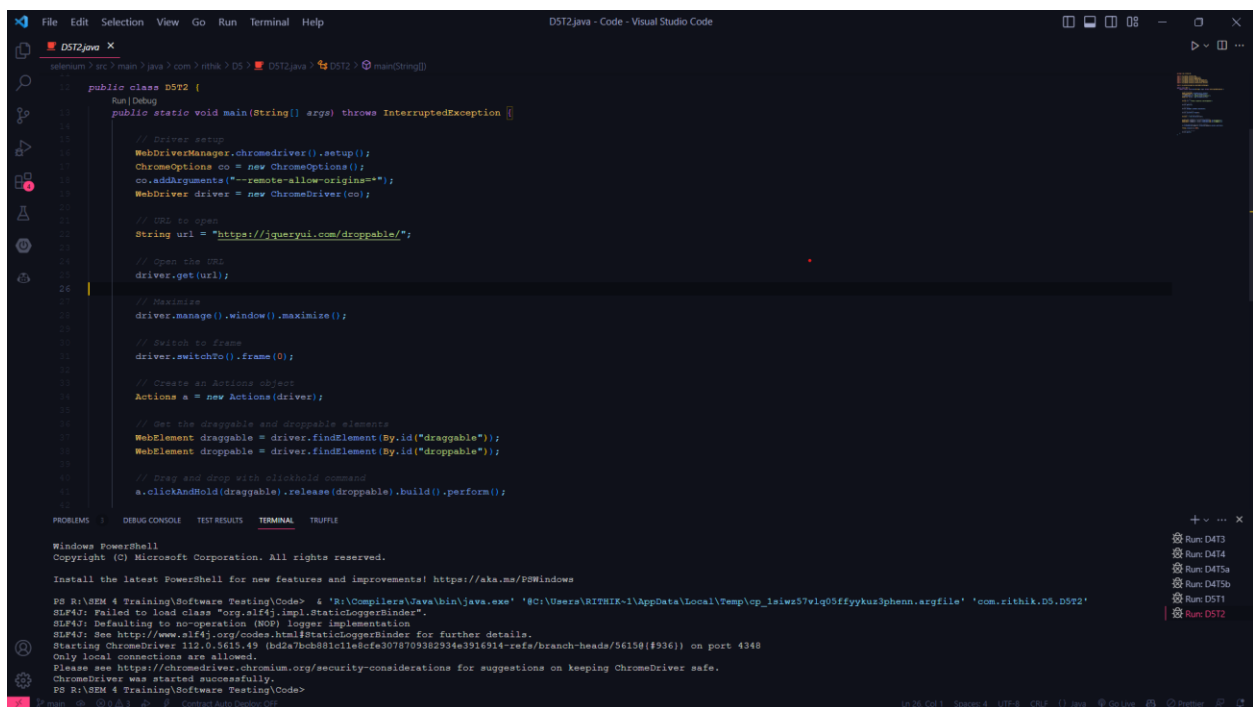
The screenshot shows the Visual Studio Code editor with the file `D5T1.java` open. The code is a Selenium WebDriver script that performs a drag-and-drop action on a web page. The terminal output shows the command to run the script and the successful execution of the WebDriver.

```
File Edit Selection View Go Run Terminal Help
D5T1.java - Code - Visual Studio Code

D5T1.java
1: public class D5T1 {
2:     Run | Debug
3:     public static void main(String[] args) throws InterruptedException {
4:
5:         // Driver setup
6:         WebDriverManager.chromedriver().setup();
7:         ChromeOptions co = new ChromeOptions();
8:         co.addArguments("--remote-allow-origins=*");
9:         WebDriver driver = new ChromeDriver(co);
10:
11:         // URL to open
12:         String url = "https://demoqa.com/droppable/";
13:
14:         // Open the URL
15:         driver.get(url);
16:
17:         // Maximize
18:         driver.manage().window().maximize();
19:
20:         // Create an Actions object
21:         Actions a = new Actions(driver);
22:
23:         // Get the draggable and droppable elements
24:         WebElement draggable = driver.findElement(By.id("draggable"));
25:         WebElement droppable = driver.findElement(By.id("droppable"));
26:
27:         // Drag and drop
28:         a.dragAndDrop(draggable, droppable).build().perform();
29:
30:         // Drag and drop with clickAndHold command
31:         // a.clickAndHold(draggable).release(droppable).build().perform();
32:     }
33: }
```

Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows
PS R:\SEM 4 Training\Software Testing\Code> & "R:\Compilers\Java\bin\java.exe" -XC:\Users\RITHIK-1\AppData\Local\Temp\cp_1siwz57vlq05ffyykus3phenn.argfile "com.rithik.D5.D5T1"
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/code.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56150{#936}) on port 22606
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
PS R:\SEM 4 Training\Software Testing\Code>

Task 2:



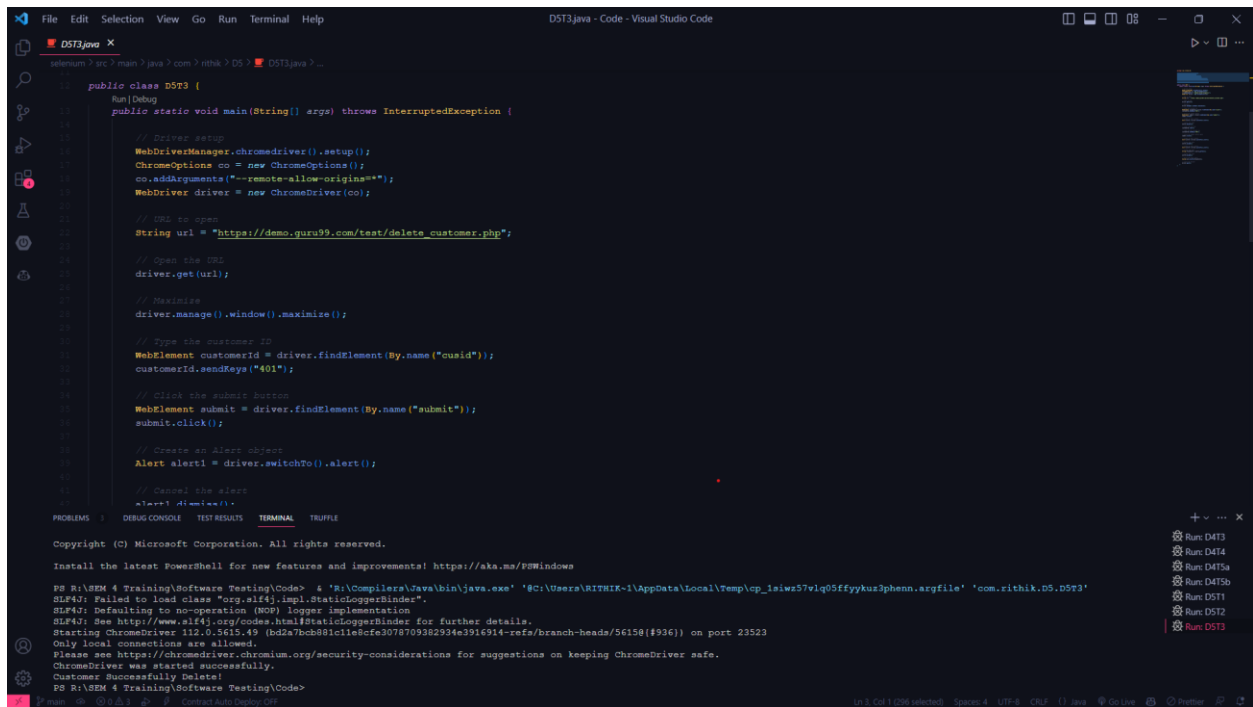
The screenshot shows the Visual Studio Code editor with the file `D5T2.java` open. The code is a Selenium WebDriver script that performs a click-and-hold action on a web page. The terminal output shows the command to run the script and the successful execution of the WebDriver.

```
File Edit Selection View Go Run Terminal Help
D5T2.java - Code - Visual Studio Code

D5T2.java
1: public class D5T2 {
2:     Run | Debug
3:     public static void main(String[] args) throws InterruptedException {
4:
5:         // Driver setup
6:         WebDriverManager.chromedriver().setup();
7:         ChromeOptions co = new ChromeOptions();
8:         co.addArguments("--remote-allow-origins=*");
9:         WebDriver driver = new ChromeDriver(co);
10:
11:         // URL to open
12:         String url = "https://jqueryui.com/droppable/";
13:
14:         // Open the URL
15:         driver.get(url);
16:
17:         // Maximize
18:         driver.manage().window().maximize();
19:
20:         // Switch to frame
21:         driver.switchTo().frame(0);
22:
23:         // Create an Actions object
24:         Actions a = new Actions(driver);
25:
26:         // Get the draggable and droppable elements
27:         WebElement draggable = driver.findElement(By.id("draggable"));
28:         WebElement droppable = driver.findElement(By.id("droppable"));
29:
30:         // Drag and drop with clickAndHold command
31:         a.clickAndHold(draggable).release(droppable).build().perform();
32:     }
33: }
```

Windows PowerShell
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PS R:\SEM 4 Training\Software Testing\Code> & "R:\Compilers\Java\bin\java.exe" -XC:\Users\RITHIK-1\AppData\Local\Temp\cp_1siwz57vlq05ffyykus3phenn.argfile "com.rithik.D5.D5T2"
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/code.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56150{#936}) on port 4348
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
PS R:\SEM 4 Training\Software Testing\Code>

Task 3:



```
File Edit Selection View Go Run Terminal Help
DST3.java - Code - Visual Studio Code

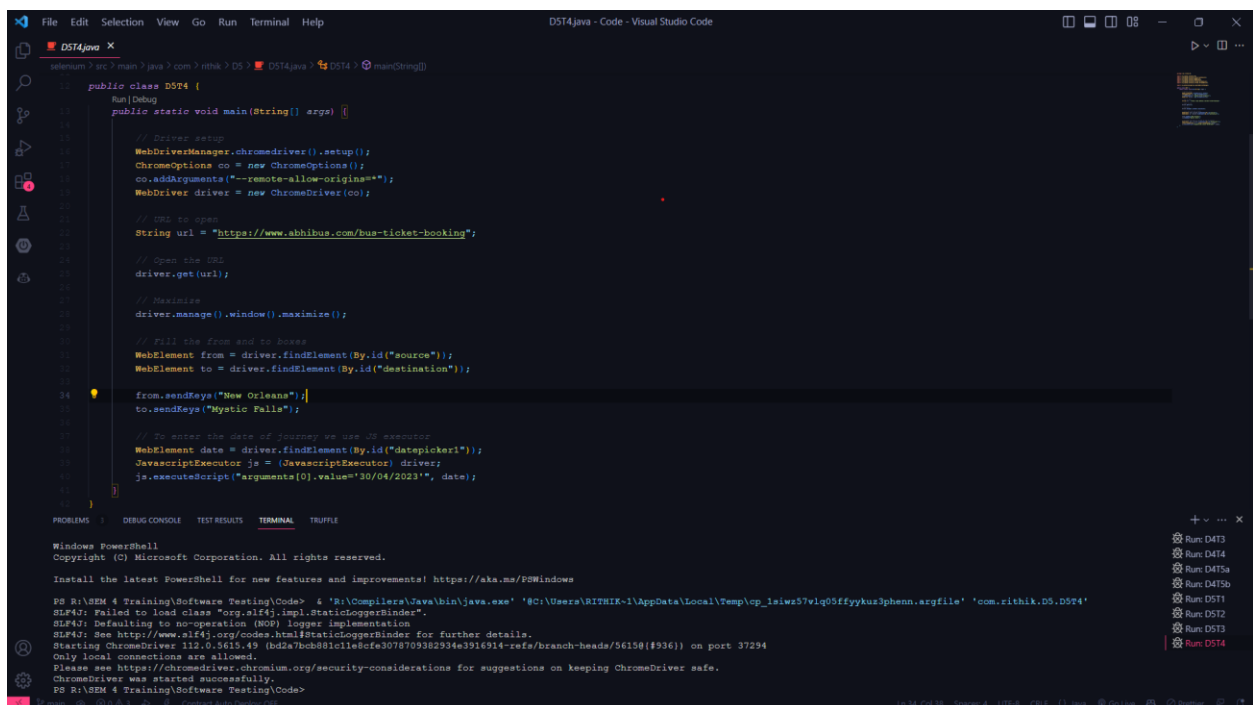
DST3.java
11 public class DST3 {
12     Run [Debug]
13     public static void main(String[] args) throws InterruptedException {
14
15         // Driver setup
16         WebDriverManager.chromedriver().setup();
17         ChromeOptions co = new ChromeOptions();
18         co.addArguments("--remote-allow-origins=*");
19         WebDriver driver = new ChromeDriver(co);
20
21         // URL to open
22         String url = "https://demo.guru99.com/test/delete_customer.php";
23
24         // Open the URL
25         driver.get(url);
26
27         // Maximize
28         driver.manage().window().maximize();
29
30         // Type the customer ID
31         WebElement customerId = driver.findElement(By.name("cusid"));
32         customerId.sendKeys("401");
33
34         // Click the submit button
35         WebElement submit = driver.findElement(By.name("submit"));
36         submit.click();
37
38         // Create an Alert object
39         Alert alert1 = driver.switchTo().alert();
40
41         // Accept the alert
42         alert1.accept();
43     }
44 }

PROBLEMS  DEBBUG CONSOLE  TEST RESULTS  TERMINAL  TRUFFLE

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PS R:\SEM 4 Training\Software Testing\Code> & 'R:\Compilers\Java\bin\java.exe' '@C:\Users\ritvik\AppData\Local\Temp\cp_1siw57vlq05ffyykuz3phenn.argfile' 'com.rithik.DS.DST3'
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/code.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56158#936) on port 23523
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Customer Successfully Deleted!
PS R:\SEM 4 Training\Software Testing\Code>
```

Task 4:



```
File Edit Selection View Go Run Terminal Help
DST4.java - Code - Visual Studio Code

DST4.java
11 public class DST4 {
12     Run [Debug]
13     public static void main(String[] args) {
14
15         // Driver setup
16         WebDriverManager.chromedriver().setup();
17         ChromeOptions co = new ChromeOptions();
18         co.addArguments("--remote-allow-origins=*");
19         WebDriver driver = new ChromeDriver(co);
20
21         // URL to open
22         String url = "https://www.abhibus.com/bus-ticket-booking";
23
24         // Open the URL
25         driver.get(url);
26
27         // Maximize
28         driver.manage().window().maximize();
29
30         // Fill the from and to buses
31         WebElement from = driver.findElement(By.id("source"));
32         WebElement to = driver.findElement(By.id("destination"));
33
34         from.sendKeys("New Orleans");
35         to.sendKeys("Mystic Falls");
36
37         // To enter the date of journey we use JS executor
38         WebElement date = driver.findElement(By.id("datepicker1"));
39         JavaScriptExecutor js = (JavaScriptExecutor) driver;
40         js.executeScript("arguments[0].value='30/04/2023'", date);
41     }
42 }

PROBLEMS  DEBBUG CONSOLE  TEST RESULTS  TERMINAL  TRUFFLE

Windows PowerShell
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PS R:\SEM 4 Training\Software Testing\Code> & 'R:\Compilers\Java\bin\java.exe' '@C:\Users\ritvik\AppData\Local\Temp\cp_1siw57vlq05ffyykuz3phenn.argfile' 'com.rithik.DS.DST4'
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/code.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/56158#936) on port 37294
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
PS R:\SEM 4 Training\Software Testing\Code>
```

Task 5:

```
File Edit Selection View Go Run Terminal Help
DST5.java - Code - Visual Studio Code

DST5.java
selenium: /src > main > java -D com > rthink > DS - DST5.java - DST5 > main(String[])

11 public class DST5 {
12     Run(Debug
13     public static void main(String[] args) throws InterruptedException {
14         // Driver Setup
15         WebDriverManager.chromedriver().setup();
16         ChromeOptions co = new ChromeOptions();
17         co.addArguments("--remote-allow-origins=*");
18         WebDriver driver = new ChromeDriver(co);
19
20         // URL to open
21         String url = "https://www.google.com/";
22
23         // Browser 1 : Apple
24         searchAndPrint(driver, url, query "Apple");
25
26         // Create new window
27         driver.switchTo().newWindow(WindowType.TAB);
28
29         // Browser 2 : Selenium
30         searchAndPrint(driver, url, query "Selenium");
31
32         // Create new window
33         driver.switchTo().newWindow(WindowType.TAB);
34
35         // Browser 3 : Cucumber
36         searchAndPrint(driver, url, query "Cucumber");
37
38         // Get window handles collectively
39         Set<String> handles = driver.getWindowHandles();
40
41         // Print the window handles and no. of tabs
42         System.out.println("Window Handles : " + handles);
43     }
44 }

PROBLEMS 1 DEBUG CONSOLE TEST RESULTS TERMINAL TRUFFLE
SLF4J: See http://www.slf4j.org/codes.html#staticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb8b1c1e8cfe3078709382534e3916914-refa/branch-heads/56150(4936)) on port 42216
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Window ID : 88E330A3840931A95CFD0A58D71F359D
Title : Apple - Google Search
Window ID : 89452F9346B2978DC8E2E42CF95E924F8
Title : Selenium - Google Search
Window ID : FF76C8839A866FD39CCF682F292862E3
Title : Cucumber - Google Search
Window Handles : [88E330A3840931A95CFD0A58D71F359D, 89452F9346B2978DC8E2E42CF95E924F8, FF76C8839A866FD39CCF682F292862E3]
No of Tabs : 3
PS R:\SEM 4 Training\Software Testing\Code>
```