5.1

```java
 5  import org.openqa.selenium.WebElement;
 6  import org.openqa.selenium.chrome.ChromeDriver;
 7  import org.openqa.selenium.chrome.ChromeOptions;
 8  import org.openqa.selenium.interactions.Actions;
 9
10  import io.github.bonigarcia.wdm.WebDriverManager;
11
12  public class App {
13
14      public static void main(String[] args) throws Exception {
15          // TODO Auto-generated method stub
16          WebDriverManager.chromedriver().setup();
17          WebDriver   driver;
18          ChromeOptions co = new ChromeOptions();
19          co.addArguments("--remote-allow-origins=*");
20          driver=new ChromeDriver(co);
21  driver.get("https://demoqa.com/droppable/");
22
23          //creating Elements for drag and drop
24  //      WebElement drag=driver.findElement(By.id("draggable"));
25  //      WebElement drop=driver.findElement(By.id("droppable"));
26
27          WebElement drag=driver.findElement(By.id("draggable"));
28          WebElement drop=driver.findElement(By.id("droppable"));
29
30          Actions act=new Actions(driver);
31          act.dragAndDrop(drag, drop).build().perform();
32
33          //doing actions
34  //      Actions act=new Actions(driver);
35  //      act.dragAndDrop(drag, drop).build().perform();
36
37      }
38
39  }
```

Problems @ Javadoc Declaration Console ×

<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 12:07:23 pm – 12:08:44 pm) [pid: 13844]
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 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 9732
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 11, 2023 12:07:27 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111

5.2

```java
 9
10  import io.github.bonigarcia.wdm.WebDriverManager;
11
12  public class App {
13
14      public static void main(String[] args) throws Exception {
15          // TODO Auto-generated method stub
16          WebDriverManager.chromedriver().setup();
17          WebDriver  driver;
18          ChromeOptions co = new ChromeOptions();
19          co.addArguments("--remote-allow-origins=*");
20          driver=new ChromeDriver(co);
21          driver.get("https://jqueryui.com/droppable/");
22          driver.switchTo().frame(0);
23          WebElement drag1=driver.findElement(By.id("draggable"));
24          Actions act=new Actions(driver);
25          WebElement drop1=driver.findElement(By.id("droppable"));
26          act.dragAndDrop(drag1, drop1).build().perform();
27
28
29      }
30
31  }
```

Problems   @ Javadoc   Declaration   Console ✕

<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 12:00:08 pm – 12:00:28 pm) [pid: 17120]
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 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 42744
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 11, 2023 12:00:21 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111

5.3

```java
11
12  public class App {
13
14⊝     public static void main(String[] args) throws Exception {
15             // TODO Auto-generated method stub
16             WebDriverManager.chromedriver().setup();
17             WebDriver  driver;
18             ChromeOptions co = new ChromeOptions();
19             co.addArguments("--remote-allow-origins=*");
20             driver=new ChromeDriver(co);
21             driver.get("https://demo.guru99.com/test/delete_customer.php");
22             driver.manage().window().maximize();
23
24             //enter 401 and clicking
25             WebElement txt1=driver.findElement(By.name("cusid"));
26             txt1.sendKeys("401");
27             driver.findElement(By.name("submit")).click();
28
29             //handling alert boxes
30             Alert alt=driver.switchTo().alert();
31             Thread.sleep(4000);
32             alt.dismiss();
33             txt1.clear();
34             txt1.sendKeys("402");
35             driver.findElement(By.name("submit")).click();
36             alt.accept();
37             Alert alt2=driver.switchTo().alert();
38             String txt=alt2.getText();
39             alt2.accept();
40             System.out.println(txt);
41
42         }
43
44  }
```

Problems @ Javadoc Declaration Console ✕

<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 11:51:36 am – 11:51:52 am) [pid: 15292]
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 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 32974
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 11, 2023 11:51:41 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
Customer Successfully Delete!

5.4

```java
 1  package com.selenium.test.SeleniumTest.SeleniumTest4;
 2
 3  import org.openqa.selenium.By;
 4  import org.openqa.selenium.JavascriptExecutor;
 5  import org.openqa.selenium.Keys;
 6  import org.openqa.selenium.WebDriver;
 7  import org.openqa.selenium.WebElement;
 8  import org.openqa.selenium.edge.EdgeDriver;
 9
10  import io.github.bonigarcia.wdm.WebDriverManager;
11
12  public class App {
13
14      public static void main(String[] args) {
15          WebDriverManager.edgedriver().setup();
16          WebDriver driver = new EdgeDriver();
17          driver.manage().window().maximize();
18          driver.get("https://www.abhibus.com/bus-ticket-booking");
19
20          //selecting and entering source
21          WebElement d=driver.findElement(By.xpath("//*[@id=\"source\"]"));
22          d.sendKeys("Coimbatore");
23          //selecting and entering destination
24          driver.findElement(By.xpath("//*[@id=\"destination\"]")).sendKeys("Chennai");
25          //Datepicker
26          WebElement dp=driver.findElement(By.xpath("//*[@id=\"datepicker1\"]"));
27          JavascriptExecutor js=(JavascriptExecutor) driver;
28          js.executeScript("arguments[0].setAttribute('value', '04/10/2023')", dp);
29
30      }
31
32  }
33
34
```

Problems @ Javadoc Declaration ☐ Console ✕

<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 12:43:02 pm – 12:43:24 pm) [pid: 15280]
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 Microsoft Edge WebDriver 112.0.1722.34 (649b7446f96f116d8dc7d1c2d92d06583649e244) on port 19672
To submit feedback, report a bug, or suggest new features, please visit https://github.com/MicrosoftEdge/EdgeWebDriver

Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDriver safe.

Microsoft Edge WebDriver was started successfully.
Apr 11, 2023 12:43:19 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111

5.5

```java
 9  import org.openqa.selenium.WindowType;
10  import org.openqa.selenium.chrome.ChromeDriver;
11  import org.openqa.selenium.chrome.ChromeOptions;
12
13  import io.github.bonigarcia.wdm.WebDriverManager;
14
15  public class App {
16
17⊖     public static void main(String[] args) {
18         // TODO Auto-generated method stub
19
20         //chrome
21         WebDriverManager.chromedriver().setup();
22         ChromeOptions co=new ChromeOptions();
23         co.addArguments("--remote-allow-origins=*");
24         WebDriver driver=new ChromeDriver(co);
25         driver.get("https://google.com");
26         driver.manage().window().maximize();
27         driver.findElement(By.name("q")).sendKeys("Apple");
28         driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
29
30         String parent=driver.getWindowHandle();
31         System.out.println(parent);
32         System.out.println(driver.getTitle());
33
34         driver.switchTo().newWindow(WindowType.TAB);
35         driver.get("https://google.com");
36         driver.manage().window().maximize();
37         driver.findElement(By.name("q")).sendKeys("Selenium");
38         driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
39
```

```java
40         driver.switchTo().newWindow(WindowType.TAB);
41         driver.get("https://google.com");
42         driver.manage().window().maximize();
43         driver.findElement(By.name("q")).sendKeys("Cucumber");
44         driver.findElement(By.name("q")).sendKeys(Keys.ENTER);
45
46         Set<String>s=driver.getWindowHandles();
47         Iterator<String> I1=s.iterator();
48
49         while(I1.hasNext())
50         {
51             String child=I1.next();
52             if(!parent.equals(child))
53             {driver.switchTo().window(child);
54                 System.out.println(driver.switchTo().window(child).getWindowHandle());
55                 System.out.println(driver.switchTo().window(child).getTitle());
56             }
57         }
58
```

Problems @ Javadoc Declaration Console ✕

```
<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe  (11-Apr-2023, 11:42:35 pm – 11:43:32 pm) [pid: 12236]
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 33303
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Apr 11, 2023 11:42:57 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found: 111
23ABC404BE95E2EE6D38E0A099708EDC
Apple - Google Search
1FA08B73DA23248841DEA89A6F9F7F6F
Selenium - Google Search
17357B1F27C33D11D55728A67A36CDBD
Cucumber - Google Search
```