

4.3

```

SeleniumTest4/pom.xml  AppTest.java  App.java X
5 import org.openqa.selenium.By;
6 import org.openqa.selenium.WebDriver;
7 import org.openqa.selenium.WebElement;
8 import org.openqa.selenium.chrome.ChromeDriver;
9 import org.openqa.selenium.chrome.ChromeOptions;
10
11 import io.github.bonigarcia.wdm.WebDriverManager;
12
13 public class App {
14
15     public static void main(String[] args) {
16         // TODO Auto-generated method stub
17
18         //browser driver setup
19         WebDriverManager.chromedriver().setup();
20         ChromeOptions co=new ChromeOptions();
21         co.addArguments("--remote-allow-origins=*");
22         WebDriver driver=new ChromeDriver(co);
23         //WebDriver driver=new EdgeDriver();
24
25         //open link and maximize
26         driver.get("https://demo.opencart.com/index.php?route=checkout/voucher&language=en-gb");
27         driver.manage().window().maximize();
28
29         WebElement name = driver.findElement(By.xpath("//*[@id=\"input-to-name\"]"));
30         System.out.println(name);
31         WebElement email = driver.findElement(By.xpath("//*[@id=\"input-to-email\"]"));
32         System.out.println(email);
33         WebElement message = driver.findElement(By.xpath("//*[@id=\"input-message\"]"));
34         System.out.println(message);
35         WebElement urname = driver.findElement(By.xpath("//*[@id=\"input-from-name\"]"));
36         System.out.println(urname);
37     }
38
39 }

```

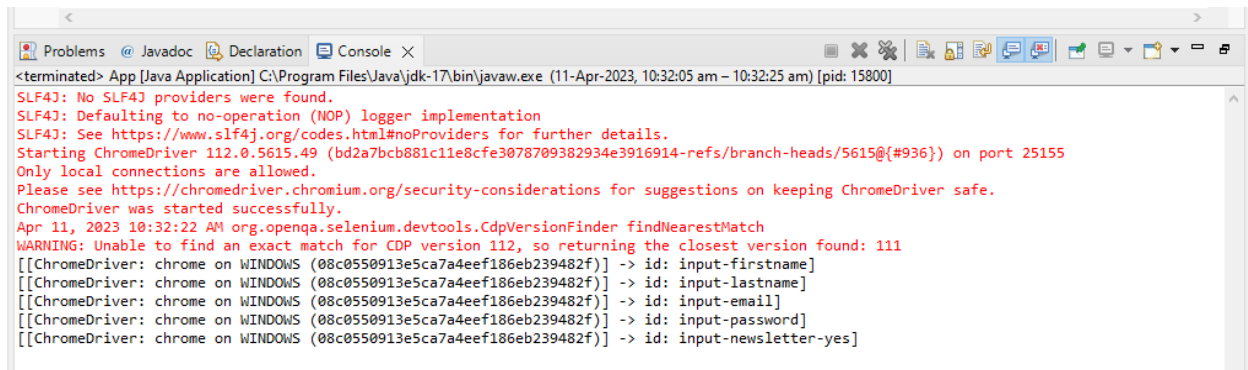
Problems @ Javadoc Declaration Console X

terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 10:10:16 am – 10:10:43 am) [pid: 15584]

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 9515.
 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 10:10:39 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
 [[ChromeDriver: chrome on WINDOWS (8ce5c2370753e846ea97cad4d7b37a72)] -> xpath: //*[@id="input-to-name"]
 [[ChromeDriver: chrome on WINDOWS (8ce5c2370753e846ea97cad4d7b37a72)] -> xpath: //*[@id="input-to-email"]
 [[ChromeDriver: chrome on WINDOWS (8ce5c2370753e846ea97cad4d7b37a72)] -> xpath: //*[@id="input-message"]
 [[ChromeDriver: chrome on WINDOWS (8ce5c2370753e846ea97cad4d7b37a72)] -> xpath: //*[@id="input-from-name"]

4.2

```
6 import org.openqa.selenium.WebDriver;
7 import org.openqa.selenium.WebElement;
8 import org.openqa.selenium.chrome.ChromeDriver;
9 import org.openqa.selenium.chrome.ChromeOptions;
10
11 import io.github.bonigarcia.wdm.WebDriverManager;
12
13 public class App {
14
15     public static void main(String[] args) {
16         // TODO Auto-generated method stub
17
18         //browser driver setup
19         WebDriverManager.chromedriver().setup();
20         ChromeOptions co=new ChromeOptions();
21         co.addArguments("--remote-allow-origins=*");
22         WebDriver driver=new ChromeDriver(co);
23         //WebDriver driver=new EdgeDriver();
24
25         //open link and maximize
26         driver.get("https://demo.opencart.com/index.php?route=account/register&language=en-gb");
27         driver.manage().window().maximize();
28
29         WebElement fn =driver.findElement(By.id("input-firstname"));
30         System.out.println(fn);
31         WebElement ln =driver.findElement(By.id("input-lastname"));
32         System.out.println(ln);
33         WebElement em =driver.findElement(By.id("input-email"));
34         System.out.println(em);
35         WebElement pass =driver.findElement(By.id("input-password"));
36         System.out.println(pass);
37         WebElement sub =driver.findElement(By.id("input-newsletter-yes"));
38         System.out.println(sub);
39     }
40 }
```



```
<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 10:32:05 am - 10:32:25 am) [pid: 15800]
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 25155
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 10:32:22 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
[[ChromeDriver: chrome on WINDOWS (08c0550913e5ca7a4eef186eb239482f)] -> id: input-firstname]
[[ChromeDriver: chrome on WINDOWS (08c0550913e5ca7a4eef186eb239482f)] -> id: input-lastname]
[[ChromeDriver: chrome on WINDOWS (08c0550913e5ca7a4eef186eb239482f)] -> id: input-email]
[[ChromeDriver: chrome on WINDOWS (08c0550913e5ca7a4eef186eb239482f)] -> id: input-password]
[[ChromeDriver: chrome on WINDOWS (08c0550913e5ca7a4eef186eb239482f)] -> id: input-newsletter-yes]
```


4.4

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

public class App {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

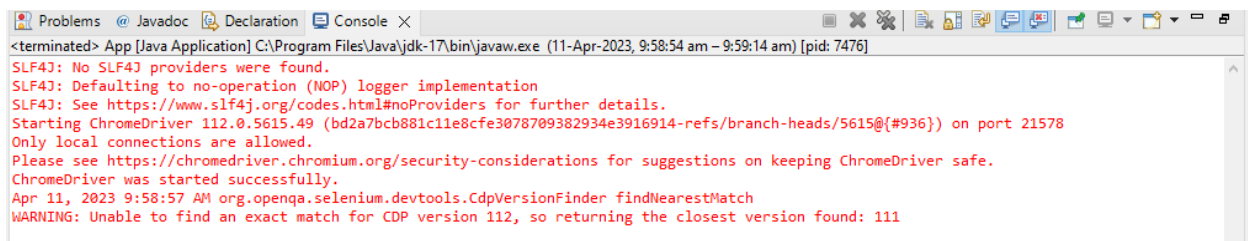
        //browser driver setup
        WebDriverManager.chromedriver().setup();
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriver driver=new ChromeDriver(co);
        //WebDriver driver=new EdgeDriver();

        //open link and maximize
        driver.get("https://j2store.net/free/");
        driver.manage().window().maximize();

        JavascriptExecutor js=(JavascriptExecutor) driver;
        js.executeScript("window.scrollTo(0,1000)", "");

        driver.findElement(By.linkText("Clothing (5)")).click();

        driver.navigate().back();
        driver.navigate().forward();
        driver.navigate().refresh();
        driver.quit();
    }
}
```



```
<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 9:58:54 am - 9:59:14 am) [pid: 7476]
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 21578
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 9:58:57 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
```

5.1

```
5 import org.openqa.selenium.By;
6 import org.openqa.selenium.JavascriptExecutor;
7 import org.openqa.selenium.WebDriver;
8 import org.openqa.selenium.chrome.ChromeDriver;
9 import org.openqa.selenium.chrome.ChromeOptions;
10
11 import io.github.bonigarcia.wdm.WebDriverManager;
12
13 public class App {
14
15     public static void main(String[] args) {
16         // TODO Auto-generated method stub
17
18         //browser driver setup
19         WebDriverManager.chromedriver().setup();
20         ChromeOptions co=new ChromeOptions();
21         co.addArguments("--remote-allow-origins=*");
22         WebDriver driver=new ChromeDriver(co);
23         //WebDriver driver=new EdgeDriver();
24
25         //open link and maximize
26         driver.get("https://j2store.net/free/");
27         driver.manage().window().maximize();
28
29         JavascriptExecutor js=(JavascriptExecutor) driver;
30         js.executeScript("window.scrollTo(0,1000)","");
31
32         String url1="https://j2store.net/free/";
33         String url2="";
34         url2=driver.getCurrentUrl();
35         if(url1.equals(url2))
36             System.out.println("Correct 1st page");
37
38         driver.findElement(By.LinkText("Clothing (5)")).click();
39
40         url1=driver.getCurrentUrl();
41         if(url1.equals("https://j2store.net/free/index.php/shop?filter_catid=11"));
42             System.out.println("Correct 2nd page");
43
44         driver.navigate().back();
45         driver.navigate().forward();
46         driver.navigate().refresh();
47         driver.quit();
48     }
49 }
50 }
```

Problems Javadoc Declaration Console X

<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 9:53:05 am – 9:53:42 am) [pid: 9860]

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 42269
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 9:53:27 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
Correct 1st page
Correct 2nd page

5.2

```
 SeleniumTest4/pom.xml SeleniumTest4/App.java - Eclipse IDE
Run Window Help

 SeleniumTest4/pom.xml AppTest.java App.java X
8 import org.openqa.selenium.WebDriver;
9 import org.openqa.selenium.WebElement;
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) throws InterruptedException {
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         //open link and maximize
26         driver.get("https://j2store.net/free/");
27         driver.manage().window().maximize();
28
29         JavascriptExecutor js=(JavascriptExecutor) driver;
30         js.executeScript("window.scrollTo(0,1000)","");
31
32         driver.findElement(By.linkText("Clothing (5)")).click();
33         Thread.sleep(5000);
34
35         List l1=driver.findElements(By.xpath("//h2[@class='product-title']"));
36         for(WebElement link:l1)
37         {
38             System.out.println(link.getText());
39         }
40     }
41 }
42 }
```

```
Problems @ Javadoc Declaration Console X
<terminated> App [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (11-Apr-2023, 9:40:00 am – 9:40:34 am) [pid: 15428]
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)
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver secure.
ChromeDriver was started successfully.
Apr 11, 2023 9:40:19 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 112, so returning the closest version found:
Simple
Variable
T-Shirt1
T-Shirt2
T-Shirt3
Shirt1
T-Shirt4
Shirt4
Shirt3
```