SELENIUM

USES

Browser automation / UI testing
Automates user actions in a browser (click, type, submit, navigate).

CI/CD integration
Can be added to Jenkins, GitHub Actions, etc., to run UI tests before deployment.

Advantages

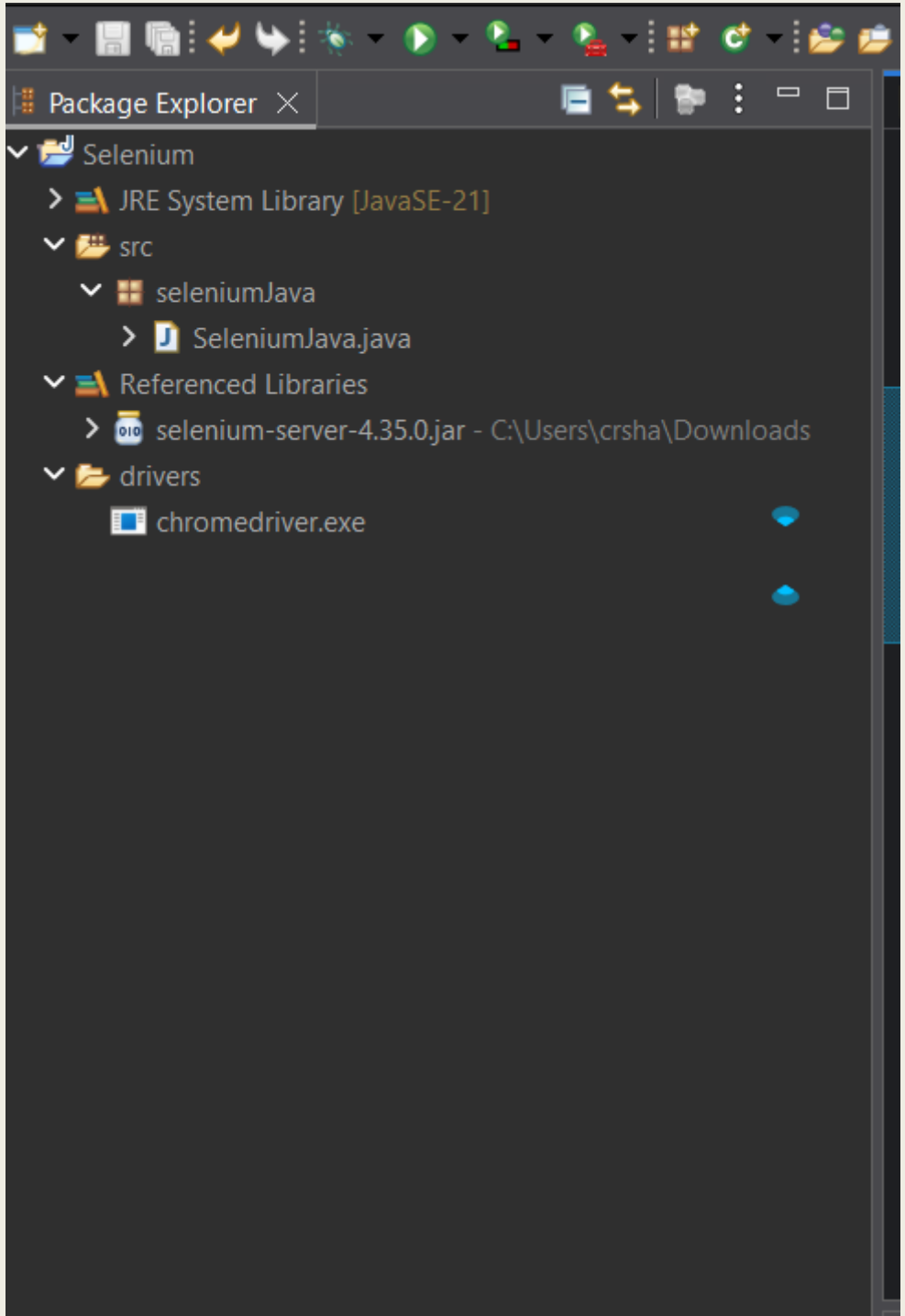
Runs in a **real browser**, so tests simulate actual user experience.

Supports multiple languages: **Java, Python, JavaScript, C#, Ruby, etc.**

When *NOT* to use Selenium

For **API-level or unit testing** → better to use direct API calls.

HOW TO SETUP SELENIUM IN ECLIPSE


Package Explorer
Selenium
JRE System Library [JavaSE-21]
src
seleniumJava
SeleniumJava.java
Referenced Libraries
selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
drivers
chromedriver.exe

HOW TO OPEN CHROME BROWSER USING JAVA SELENIUM

eclipse-workspace-2 - Selenium/src/seleniumJava/SeleniumJava.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - SeleniumJava.java
  - Referenced Libraries
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
    - chromedriver.exe

SeleniumJava.java

```
1  package seleniumJava;
2
3  import org.openqa.selenium.WebDriver;
4  import org.openqa.selenium.chrome.ChromeDriver;
5
6  public class SeleniumJava {
7
8      public static void main(String[] args) {
9              System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
10
11     WebDriver driver= new ChromeDriver();
12     driver.get("https://www.google.co.in");
13
14     }
15
16 }
17
```

Problems Javadoc Declaration Console

<terminated> SeleniumJava [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (07-Sept-2025, 9:56:03 am – 9:56:11 am el

```
Sept 07, 2025 9:56:09 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 07, 2025 9:56:09 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.80. You may need to include a dependency on a specific version of the CDP using something simila
```

Writable | Smart Insert | 17 : 1 : 428

Light rain
In the afternoon

Search

ENG
IN

09:57
07-09-2025

eclipse-workspace-2 - Selenium/src/seleniumJava/SeleniumJava.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - SeleniumJava.java
  - Referenced Libraries
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
    - chromedriver.exe

SeleniumJava.java

```
1  package seleniumJava;
2
3  import org.openqa.selenium.WebDriver;
4  import org.openqa.selenium.chrome.ChromeDriver;
5
6  public class SeleniumJava {
7
8      public static void main(String[] args) {
9              System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
10
11     WebDriver driver= new ChromeDriver();
12     driver.get("https://www.google.co.in");
13
14     }
15
16 }
17
```

Problems Javadoc Declaration Console

<terminated> SeleniumJava [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (07-Sept-2025, 9:59:55 am – 9:59:59 am el

```
Sept 07, 2025 9:59:57 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 07, 2025 9:59:57 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.80. You may need to include a dependency on a specific version of the CDP using something simila
```

Writable | Smart Insert | 17 : 1 : 428

Rainy days ahead 31°C

Search

ENG IN

10:01 07-09-2025

HOW TO TEST LOGIN PAGE

eclipse-workspace-2 - Selenium/src/seleniumJava/LoginTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - LoginTest.java
      - SeleniumJava.java
  - Referenced Libraries
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
    - chromedriver.exe

SeleniumJava.java | LoginTest.java

```
1  package seleniumJava;
2
3  import org.openqa.selenium.By;
4  import org.openqa.selenium.WebDriver;
5  import org.openqa.selenium.chrome.ChromeDriver;
6
7  public class LoginTest {
8
9
10     public static void main(String[] args) {
11         System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
12
13          WebDriver driver= new ChromeDriver();
14
15
16          driver.get("https://www.facebook.com/login.php");
17
18
19          driver.findElement(By.id("email")).sendKeys("shalini@gmail.com");
20          driver.findElement(By.id("pass")).sendKeys("shalini");
21
22     }
23
24 }
25
```

Problems | Javadoc | Declaration | Console

<terminated> LoginTest [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (07-Sept-2025, 11:47:51 am – 11:47:56 am ela

```
Sept 07, 2025 11:47:54 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 07, 2025 11:47:54 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.81. You may need to include a dependency on a specific version of the CDP using something simila
```

Writable | Smart Insert | 20 : 65 : 653

33°C Sunny | Search | ENG IN | 11:51 07-09-2025

eclipse-workspace-2 - Selenium/src/seleniumJava/LoginTest.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - LoginTest.java
      - SeleniumJava.java
  - Referenced Libraries
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
    - chromedriver.exe

SeleniumJava.java | LoginTest.java

```
1  package seleniumJava;
2
3  import org.openqa.selenium.By;
4  import org.openqa.selenium.WebDriver;
5  import org.openqa.selenium.chrome.ChromeDriver;
6
7  public class LoginTest {
8
9
10     public static void main(String[] args) {
11         System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
12
13          WebDriver driver= new ChromeDriver();
14
15
16          driver.get("https://www.facebook.com/login.php");
17
18
19          driver.findElement(By.id("email")).sendKeys("shalini@gmail.com");
20          driver.findElement(By.id("pass")).sendKeys("shalini");
21          driver.findElement(By.id("loginbutton")).click();
22
23      }
24
25 }
26
```

Problems | Javadoc | Declaration | Console

<terminated> LoginTest [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (07-Sept-2025, 11:52:23 am – 11:52:28 am ela

```
Sept 07, 2025 11:52:25 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 07, 2025 11:52:25 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.81. You may need to include a dependency on a specific version of the CDP using something simila
```

Writable | Smart Insert | 26 : 1 : 727

Hot weather Now | Search | ENG IN | 11:58 07-09-2025

HOW TO SELECT THE VALUE

eclipse-workspace-2 - Selenium/src/seleniumJava/SelectClassExample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - LoginTest.java
      - SelectClassExample.java
      - SeleniumJava.java
  - Referenced Libraries
  - drivers

SeleniumJava.java | LoginTest.java | SelectClassExample.java

```java
package seleniumJava;

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.support.ui.Select;


public class SelectClassExample {

    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");

        WebDriver driver= new ChromeDriver();


         driver.get("file:///C:/Users/crsha/OneDrive/Desktop/sample.html");
         WebElement selectcountry =driver.findElement(By.id("country"));

         Select select = new Select(selectcountry);
         select.selectByValue("India");
    }

}
```

Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Release

<terminated> SelectClassExample [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (14-Sept-2025, 11:35:27 pm – 11:35:

```
Build info: version: '4.35.0', revision: '1c58e5028b'
System info: os.name: 'Windows 11', os.arch: 'amd64', os.version: '10.0', java.version: '21.0.8'
Driver info: driver.version: unknown
        at org.openqa.selenium.support.ui.Select.findOptionsByValue(Select.java:393)
        at org.openqa.selenium.support.ui.Select.selectByValue(Select.java:277)
        at seleniumJava.SelectClassExample.main(SelectClassExample.java:23)
```

Writable | Smart Insert | 23 : 40 : 769

Breaking news
India crush Pakis...

Search

ENG
IN

23:36
14-09-2025

Sample Registration Form

File C:/Users/crsha/OneDrive/Desktop/sample.html

Chrome is being controlled by automated test software.

Registration Form

First Name *

Last Name *

Address

Street, City, State, ZIP

Email address *

Phone *

+91 / Country

1234567890

Gender *

Female Male Other

Hobbies

Reading Travel Music

Skills

e.g. HTML, CSS, JavaScript

Select Country

India

Date Of Birth

2025 Month Day

Password *

Confirm Password *

```
ace-2\\Selenium\\drivers\\chromedriver.exe");
```

```
win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (14-Sept-2025, 11:35:27 pm – 11:35:
0.8'
```

23 : 40 : 769

29°C Haze

Search

ENG IN

23:36 14-09-2025

HOW TO TAKE SCREENSHOT

eclipse-workspace-2 - Selenium/src/seleniumJava/ScreenShotExample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
  - Referenced Libraries
    - commons-io-2.20.0.jar - C:\Users\crsha\Downloads
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
  - ScreenShot

SeleniumJava.java | LoginTest.java | SelectClassExample.java | ScreenShotExample.java

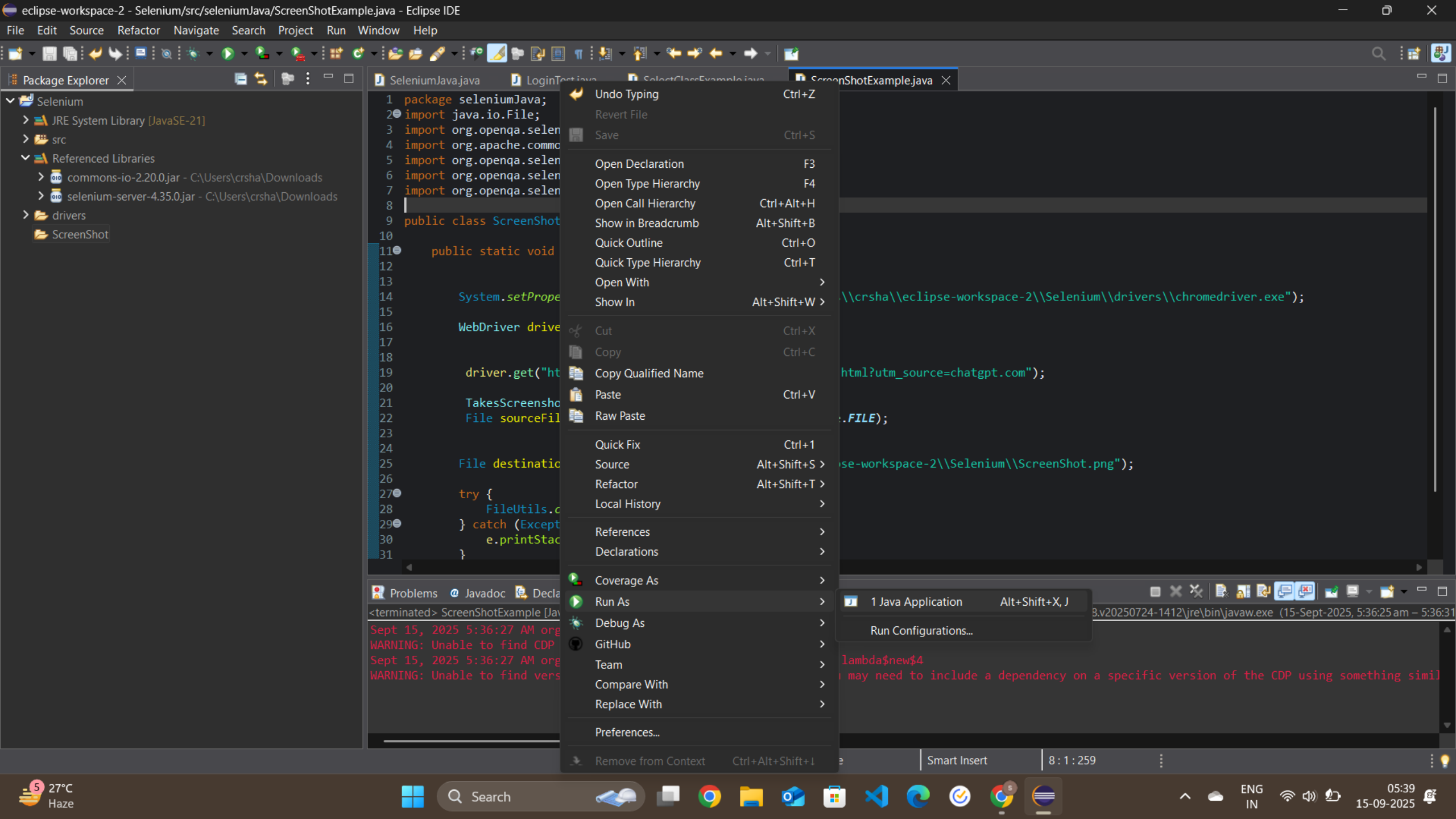
```
1  package seleniumJava;
2  import java.io.File;
3  import org.openqa.selenium.OutputType;
4  import org.apache.commons.io.FileUtils;
5  import org.openqa.selenium.TakesScreenshot;
6  import org.openqa.selenium.WebDriver;
7  import org.openqa.selenium.chrome.ChromeDriver;
8
9  public class ScreenShotExample {
10
11     public static void main(String[] args) {
12
13
14         System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
15
16         WebDriver driver= new ChromeDriver();
17
18
19          driver.get("https://demo.automationtesting.in/Register.html?utm_source=chatgpt.com");
20
21          TakesScreenshot screenShot = (TakesScreenshot) driver;
22          File sourceFile = screenShot.getScreenshotAs(OutputType.FILE);
23
24
25         File destinationFile = new File("C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\ScreenShot.png");
26
27         try {
28             FileUtils.copyFile(sourceFile, destinationFile);
29         } catch (Exception e) {
30             e.printStackTrace();
31         }
```

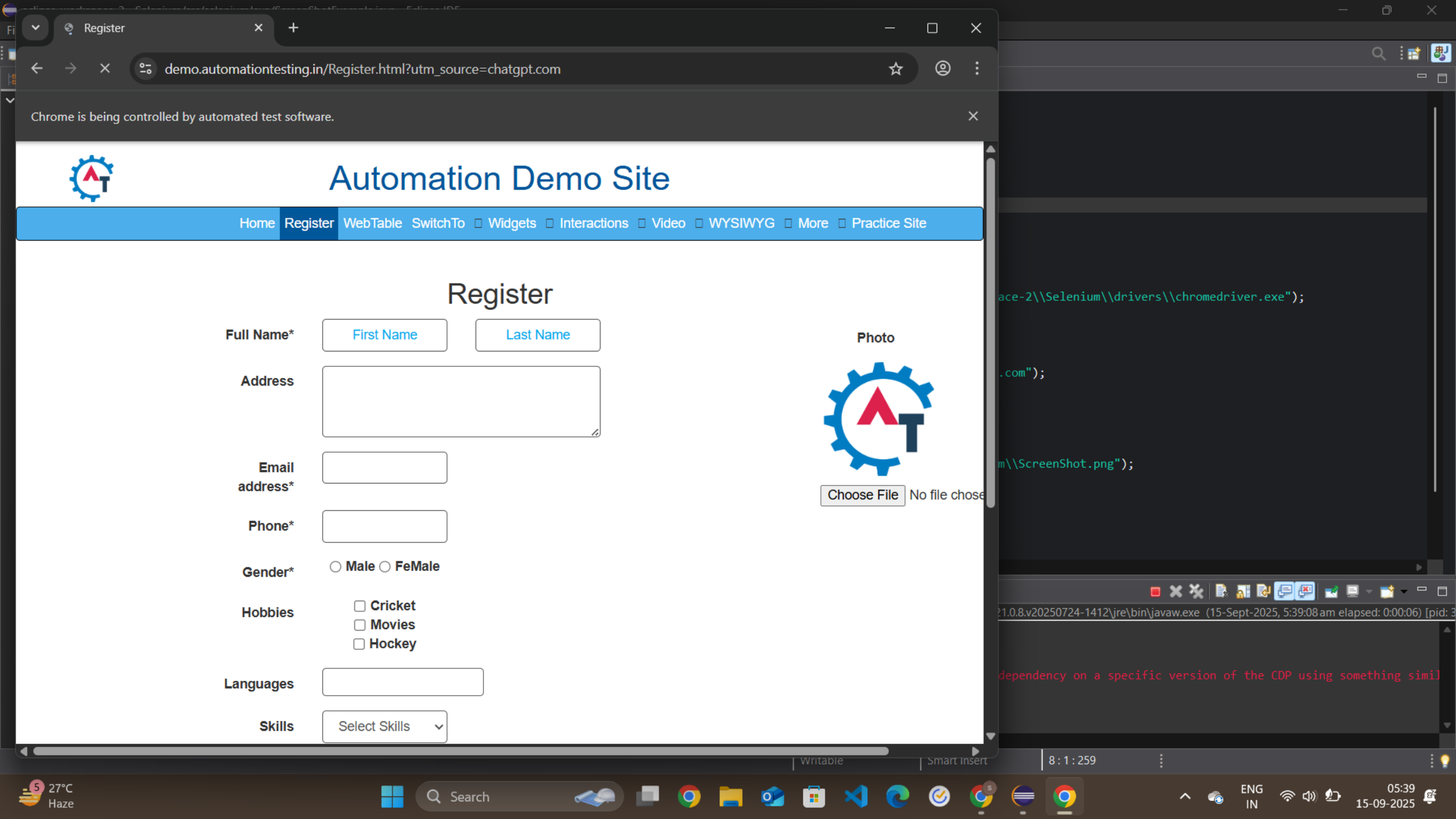
Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Release

<terminated> ScreenShotExample [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (15-Sept-2025, 5:36:25 am – 5:36:31

```
Sept 15, 2025 5:36:27 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 15, 2025 5:36:27 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.128. You may need to include a dependency on a specific version of the CDP using something simil
```

27°C Haze | Search | ENG IN | 05:38 15-09-2025


eclipse-workspace-2 - Selenium/src/seleniumJava/ScreenShotExample.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Selenium
JRE System Library [JavaSE-21]
src
Referenced Libraries
commons-io-2.20.0.jar - C:\Users\crsha\Downloads
selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
drivers
ScreenShot
SeleniumJava.java
ScreenShotExample.java
Undo Typing Ctrl+Z
Revert File
Save Ctrl+S
Open Declaration F3
Open Type Hierarchy F4
Open Call Hierarchy Ctrl+Alt+H
Show in Breadcrumb Alt+Shift+B
Quick Outline Ctrl+O
Quick Type Hierarchy Ctrl+T
Open With
Show In Alt+Shift+W
Cut Ctrl+X
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Raw Paste
Quick Fix Ctrl+1
Source Alt+Shift+S
Refactor Alt+Shift+T
Local History
References
Declarations
Coverage As
Run As
Debug As
GitHub
Team
Compare With
Replace With
Preferences...
Remove from Context Ctrl+Alt+Shift+↓
1 Java Application Alt+Shift+X, J
Run Configurations...
Problems Javadoc
Smart Insert 8 : 1 : 259
27°C Haze
Search
ENG IN
05:39 15-09-2025


Register
demo.automationtesting.in/Register.html?utm_source=chatgpt.com
Chrome is being controlled by automated test software.
Automation Demo Site
Home
Register
WebTable
SwitchTo
Widgets
Interactions
Video
WYSIWYG
More
Practice Site
Register
Full Name*
First Name
Last Name
Address
Email address*
Phone*
Gender*
Male
FeMale
Hobbies
Cricket
Movies
Hockey
Languages
Skills
Select Skills
Photo
Choose File
No file chose
ace-2\\Selenium\\drivers\\chromedriver.exe");
.com");
m\\ScreenShot.png");
dependency on a specific version of the CDP using something simil
8 : 1 : 259
27°C
Haze
Search
ENG
IN
05:39
15-09-2025

eclipse-workspace-2 - Selenium/src/seleniumJava/ScreenShotExample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
  - Referenced Libraries
    - commons-io-2.20.0.jar - C:\Users\crsha\Downloads
    - selenium-server-4.35.0.jar - C:\Users\crsha\Downloads
  - drivers
  - ScreenShot
    - Screenshot 2025-09-15 053728.png

SeleniumJava.java | LoginTest.java | SelectClassExample.java | ScreenShotExample.java

```
1  package seleniumJava;
2  import java.io.File;
3  import org.openqa.selenium.OutputType;
4  import org.apache.commons.io.FileUtils;
5  import org.openqa.selenium.TakesScreenshot;
6  import org.openqa.selenium.WebDriver;
7  import org.openqa.selenium.chrome.ChromeDriver;
8
9  public class ScreenShotExample {
10
11     public static void main(String[] args) {
12
13
14         System.setProperty("webdriver.chrome.driver", "C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\drivers\\chromedriver.exe");
15
16         WebDriver driver= new ChromeDriver();
17
18
19          driver.get("https://demo.automationtesting.in/Register.html?utm_source=chatgpt.com");
20
21          TakesScreenshot screenShot = (TakesScreenshot) driver;
22          File sourceFile = screenShot.getScreenshotAs(OutputType.FILE);
23
24
25         File destinationFile = new File("C:\\Users\\crsha\\eclipse-workspace-2\\Selenium\\ScreenShot.png");
26
27         try {
28             FileUtils.copyFile(sourceFile, destinationFile);
29         } catch (Exception e) {
30             e.printStackTrace();
31         }
```

Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Release

<terminated> ScreenShotExample [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (15-Sept-2025, 5:39:08 am – 5:39:27

```
Sept 15, 2025 5:39:10 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 15, 2025 5:39:10 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.128. You may need to include a dependency on a specific version of the CDP using something simil
```

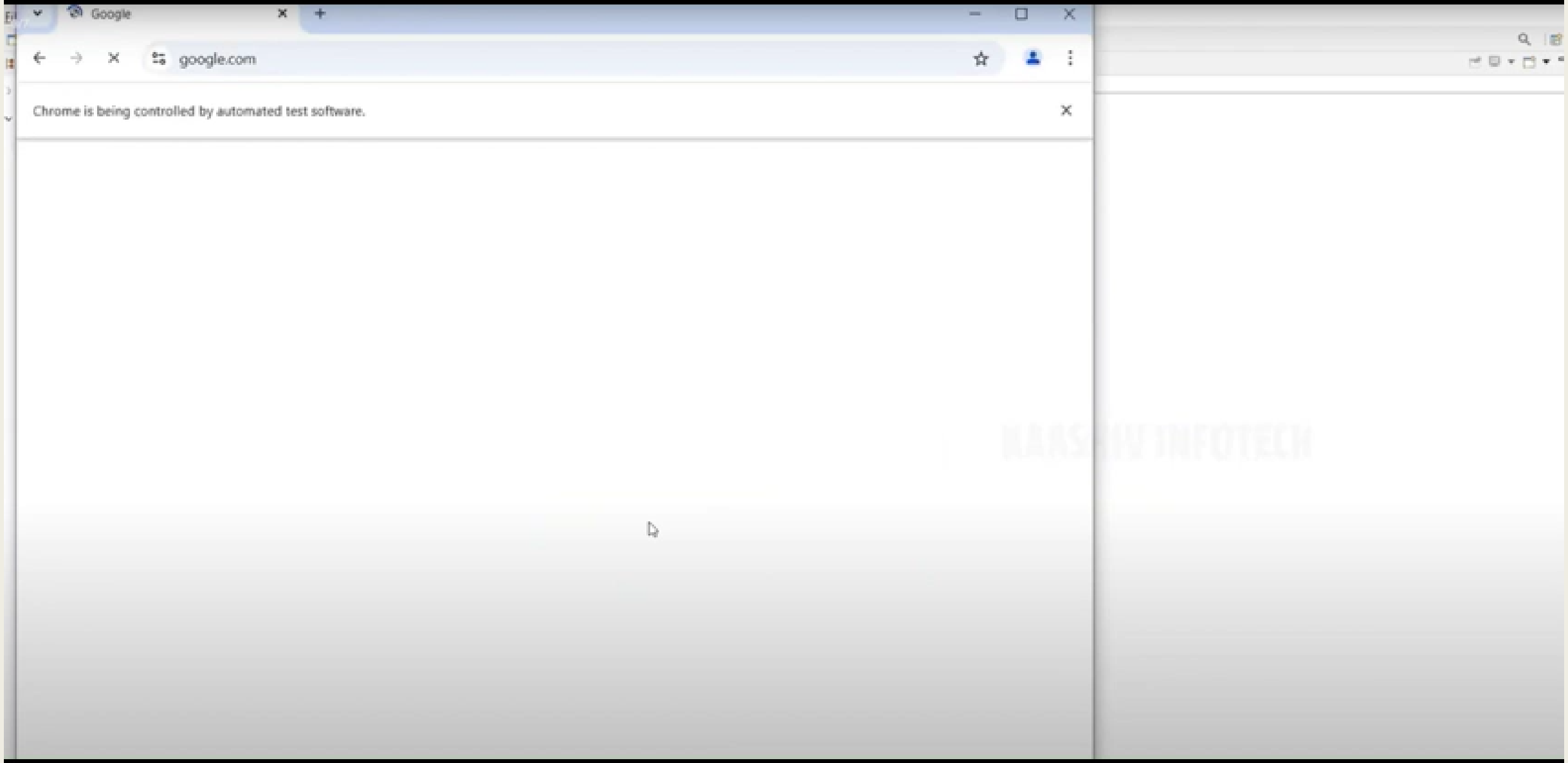
ScreenShot - Selenium

27°C Haze | Search | ENG IN | 05:40 15-09-2025

HOW TO USE ENTER ACTION

```
public static void main(String[] args) {
    System.setProperty("webdriver.chrome.driver",
    WebDriver driver = new ChromeDriver();
    driver.get("https://www.google.com/");
    driver.manage().window().maximize();

    Actions action = new Actions(driver);
    action.sendKeys("Facebook");
    action.sendKeys(Keys.ENTER).build().perform();
```


Google
google.com
Chrome is being controlled by automated test software.

HOW TO OPEN MULTIPLE TABS

eclipse-workspace-2 - Selenium/src/seleniumJava/MultipleTabsExample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - Enter.java
      - LoginTest.java
      - MultipleTabsExample.java
      - ScreenShotExample.java
      - SelectClassExample.java
      - SeleniumJava.java
  - Referenced Libraries
  - drivers
  - ScreenShot

SeleniumJava.java | LoginTest.java | SelectClassExample.java | ScreenShotExample.java | Enter.java | MultipleTabsExample.java

```
5  public class MultipleTabsExample {
6      public static void main(String[] args) throws InterruptedException {
7          WebDriver driver = new ChromeDriver();
8          driver.manage().window().maximize();
9          driver.get("https://www.google.com");
10         ((ChromeDriver) driver).executeScript("window.open('https://www.bing.
11         ((ChromeDriver) driver).executeScript("window.open('https://www.yahoo
12
13         Set<String> windowHandles = driver.getWindowHandles();
14         System.out.println("All window handles: " + windowHandles);
15         String[] handlesArray = windowHandles.toArray(new String[0]);
16
17         // Switch to 2nd tab (index 1)
18         driver.switchTo().window(handlesArray[1]);
19         System.out.println("Switched to Bing Tab → " + driver.getTitle());
20
21         Thread.sleep(2000);
22
23         // Switch to 3rd tab (index 2)
24         driver.switchTo().window(handlesArray[2]);
25         System.out.println("Switched to Yahoo Tab → " + driver.getTitle());
26
27         Thread.sleep(2000);
28
29         // Back to 1st tab (index 0)
30         driver.switchTo().window(handlesArray[0]);
31         System.out.println("Back to Google Tab → " + driver.getTitle());
32         driver.quit();
33     }
34 }
35
```

Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Rele

<terminated> MultipleTabsExample [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.

```
Sept 15, 2025 7:54:36 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.128. You may need to
All window handles: [4F5B7FAE5A27943BAF0FF18F49A0EC1F, A015A3CE4AFC8AF98CFA1621F45
Switched to Bing Tab → Search - Microsoft Bing
Switched to Yahoo Tab → Yahoo | Mail, Weather, Search, Politics, News, Finance, Sp
Back to Google Tab → Google
```

bin\javaw.exe (15-Sept-2025, 7:54:14 am – 7:54:

n of the CDP using something simil

Writable

Undo Typing Ctrl+Z
Revert File
Save Ctrl+S
Open Declaration F3
Open Type Hierarchy F4
Open Call Hierarchy Ctrl+Alt+H
Show in Breadcrumb Alt+Shift+B
Quick Outline Ctrl+O
Quick Type Hierarchy Ctrl+T
Open With
Show In Alt+Shift+W
Cut Ctrl+X
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Raw Paste
Quick Fix Ctrl+1
Source Alt+Shift+S
Refactor Alt+Shift+T
Local History
References
Declarations
Coverage As
Run As
Debug As
GitHub
Team
Compare With
Replace With
Preferences...
Remove from Context Ctrl+Alt+Shift+↓

27°C Haze | Search | ENG IN | 07:55 15-09-2025

FACEBOOK ACCOUNT CREATION

e-workspace-2 - Selenium/src/seleniumJava/FacebookSignup.java - Eclipse IDE

it Source Refactor Navigate Search Project Run Window Help

ge Explorer

enium
JRE System Library [JavaSE-21]
src
seleniumJava
Enter.java
FacebookSignup.java
LoginTest.java
MultipleTabsExample.java
ScreenShotExample.java
SelectClassExample.java
SeleniumJava.java
Referenced Libraries
drivers
ScreenShot

SeleniumJava.java | LoginTest.java | SelectClassExample.java | ScreenShotExample.java | Enter.java | MultipleTabsExample.java | *FacebookSignup.java

```
7  public class FacebookSignup {
8      public static void main(String[] args) throws InterruptedException {
9          // Setup WebDriver
10         WebDriver driver = new ChromeDriver();
11         driver.manage().window().maximize();
12         driver.get("https://www.facebook.com/");
13         WebElement createAccountBtn = driver.findElement(By.linkText("Create new account"));
14         createAccountBtn.click();
15         Thread.sleep(2000); // wait for popup to appear
16         // Fill signup form
17         driver.findElement(By.name("firstname")).sendKeys("Test");
18         driver.findElement(By.name("lastname")).sendKeys("User");
19         driver.findElement(By.name("reg_email__")).sendKeys("testuser12345@example.com"); // use valid email
20         driver.findElement(By.name("reg_passwd__")).sendKeys("StrongPassword@123");
21         // Confirm email (if shown)
22         // driver.findElement(By.name("reg_email_confirmation__")).sendKeys("testuser12345@example.com");
23         // Select birth date
24         Select day = new Select(driver.findElement(By.name("birthday_day")));
25         day.selectByValue("15"); // 15th
26         Select month = new Select(driver.findElement(By.name("birthday_month")));
27         month.selectByVisibleText("Sep"); // September
28         Select year = new Select(driver.findElement(By.name("birthday_year")));
29         year.selectByValue("1995");
30         // Select Gender (1 = Female, 2 = Male, -1 = Custom)
31         driver.findElement(By.xpath("//input[@value='2']")).click(); // Male
32         // Click Sign Up button
33         driver.findElement(By.name("websubmit")).click();
34         System.out.println("Signup form submitted ☑");
35         // ⚠ At this point, Facebook will ask for CAPTCHA + Email/Phone OTP manually
36         Thread.sleep(5000);
37         driver.quit();
```

Undo Typing Ctrl+Z
Revert File
Save Ctrl+S
Open Declaration F3
Open Type Hierarchy F4
Open Call Hierarchy Ctrl+Alt+H
Show in Breadcrumb Alt+Shift+B
Quick Outline Ctrl+O
Quick Type Hierarchy Ctrl+T
Open With
Show In Alt+Shift+W
Cut Ctrl+X
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Quick Fix Ctrl+1
Source Alt+Shift+S
Refactor Alt+Shift+T
Local History
References
Declarations
Coverage As
Run As
Debug As
GitHub
Team
Compare With
Replace With
Preferences...

Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Release

<terminated> FacebookSignup [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (15-Sept-2025, 8:09:53 am – 8:10:09 am

```
Sept 15, 2025 8:09:57 AM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find CDP implementation matching 140
Sept 15, 2025 8:09:57 AM org.openqa.selenium.chromium.ChromiumDriver lambda$new$4
WARNING: Unable to find version of CDP to use for 140.0.7339.128. You may need to include a dependency on a specific version of the CDP using something simil
Signup form submitted ☑
```

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Search

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08:11 15-09-2025

eclipse-workspace-2 - Selenium/src/seleniumJava/FacebookSignup.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- Selenium
  - JRE System Library [JavaSE-21]
  - src
    - seleniumJava
      - Enter.java
      - FacebookSignup.java
      - LoginTest.java
      - MultipleTabsExample.java
      - ScreenShotExample.java
      - SelectClassExample.java
      - SeleniumJava.java
  - Referenced Libraries
  - drivers
  - ScreenShot

SeleniumJava.java | LoginTest.java | SelectClassExample.java | ScreenShotExample.java | Enter.java | MultipleTabsExample.java | *FacebookSignup.java

```
public class FacebookSignup {
    public static void main(String[] args) throws InterruptedException {
        // Setup WebDriver
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.facebook.com/");
        WebElement createAccountBtn = driver.findElement(By.linkText("Create new account"));
        createAccountBtn.click();
        Thread.sleep(2000); // wait for popup to appear
        // Fill signup form
        driver.findElement(By.name("firstname")).sendKeys("Test");
        driver.findElement(By.name("lastname")).sendKeys("User");
        driver.findElement(By.name("reg_email__")).sendKeys("testuser12345@example.com"); // use valid email
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        // Click Sign Up button
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        driver.quit();
```

Problems | Javadoc | Declaration | Console | Eclipse IDE for Java Developers 2025-09 Release

<terminated> FacebookSignup [Java Application] C:\Users\crsha\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.8.v20250724-1412\jre\bin\javaw.exe (15-Sept-2025, 8:09:53 am – 8:10:09 am

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Signup form submitted ☑
```

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THANK YOU