

Day 05: Class Exercise Lab:

Task 01:

- Drag and Drop the Element using the Mouse Action Commands

CODE:

```
package uth.Day5;

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 CE_1 {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origin=*");
        WebDriverManager.chromedriver().setup();
        WebDriver driver = new ChromeDriver(co);
        driver.get("https://demoqa.com/droppable/");
        driver.manage().window().maximize();

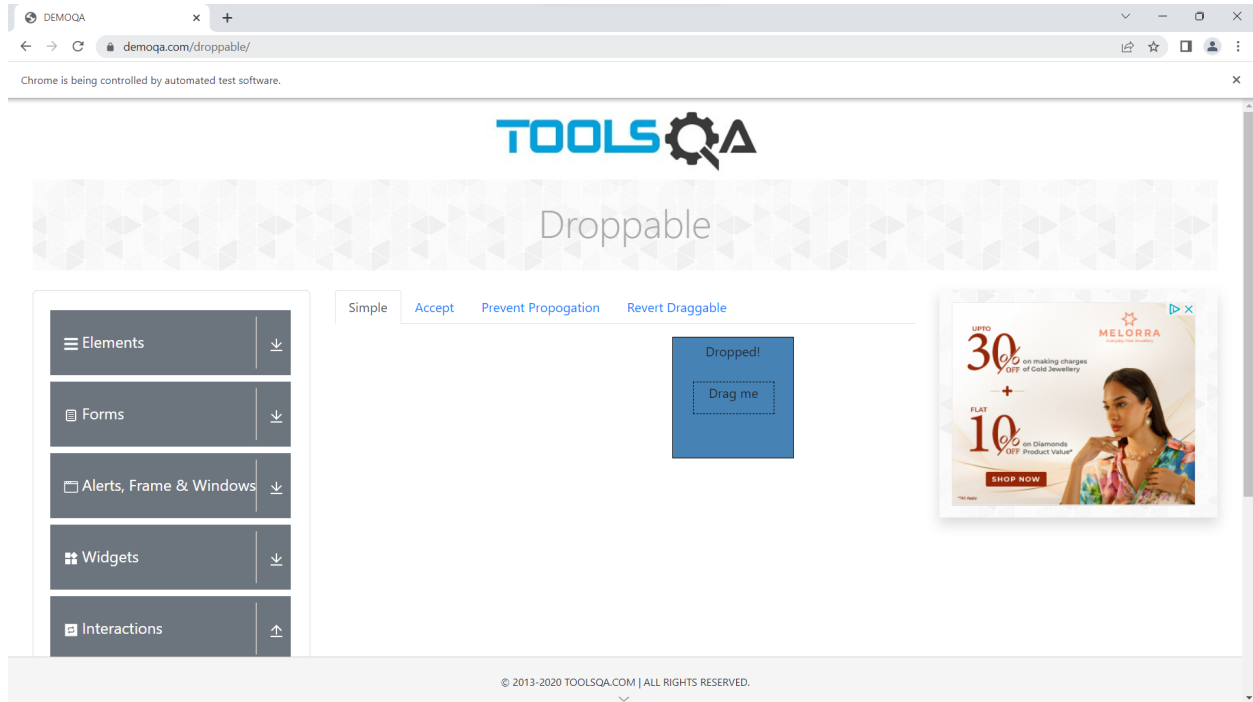
        Actions a = new Actions(driver);

        WebElement source = driver.findElement(By.id("draggable"));
        WebElement dest = driver.findElement(By.id("droppable"));
```

```
        a.dragAndDrop(source, dest).build().perform();  
    }  
}
```

```
1 package uth.Day5;  
2  
3 import org.openqa.selenium.By;  
4 import org.openqa.selenium.WebDriver;  
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 CE_1 {  
13  
14     public static void main(String[] args) {  
15         // TODO Auto-generated method stub  
16         ChromeOptions co = new ChromeOptions();  
17         co.addArguments("--remote-allow-origins=*");  
18         WebDriverManager.chromedriver().setup();  
19         WebDriver driver = new ChromeDriver(co);  
20         driver.get("https://demoqa.com/droppable/");  
21         driver.manage().window().maximize();  
22         Actions a = new Actions(driver);  
23         WebElement source = driver.findElement(By.id("draggable"));  
24         WebElement dest = driver.findElement(By.id("droppable"));  
25         a.dragAndDrop(source, dest).build().perform();  
26     }  
27  
28 }  
29
```

Problems Javadoc Declaration Console Coverage TestNG
<terminated> CE_1 (1) [Java Application] C:\Users\uthika\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2023
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 (bd2a7bcb881c1e8cfe3078709382934e3916914-refs/branch-heads/5615@#936) on port 31029
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.



Task 02:

- Drag and Drop the Element using Mouse Action Command
- Use the Frame Handling to Choose the Element.

<https://jqueryui.com/droppable/>

CODE:

```
package uth.Day5;

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;
```

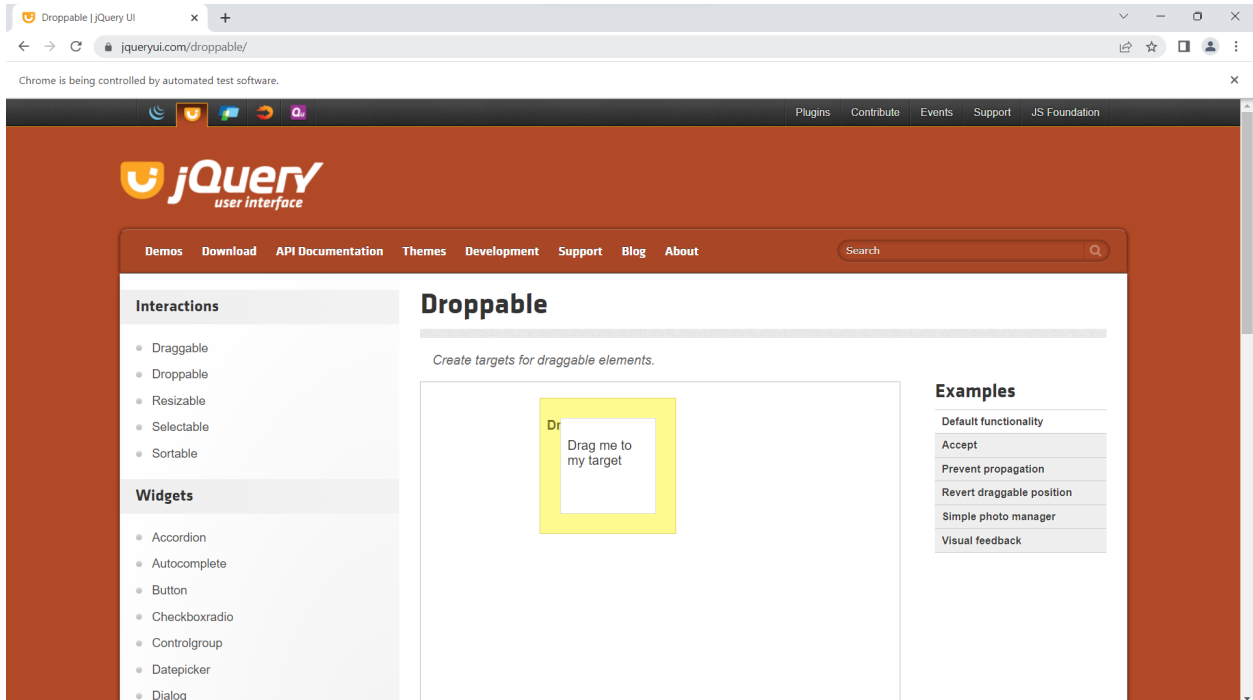
```
public class CE_2 {  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
  
        ChromeOptions co = new ChromeOptions();  
        co.addArguments("--remote-allow-origin=*");  
        WebDriverManager.chromedriver().setup();  
        WebDriver driver = new ChromeDriver(co);  
        driver.get("https://jqueryui.com/droppable/");  
        driver.manage().window().maximize();  
        driver.switchTo().frame(0);  
        Actions a = new Actions(driver);  
        WebElement source = driver.findElement(By.id("draggable"));  
        WebElement dest = driver.findElement(By.id("droppable"));  
        a.dragAndDrop(source, dest).build().perform();  
    }  
}
```

```
1 package uth.Day5;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
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 CE_2 {
13
14     public static void main(String[] args) {
15         // TODO Auto-generated method stub
16         ChromeOptions co = new ChromeOptions();
17         co.addArguments("--remote-allow-origin=*");
18         WebDriverManager.chromedriver().setup();
19         WebDriver driver = new ChromeDriver(co);
20         driver.get("https://jqueryui.com/droppable/");
21         driver.manage().window().maximize();
22         driver.switchTo().frame(0);
23         Actions a = new Actions(driver);
24         WebElement source = driver.findElement(By.id("draggable"));
25         WebElement dest = driver.findElement(By.id("droppable"));
26         a.dragAndDrop(source, dest).build().perform();
27     }
28 }
29
30 ^
```

Problems Javadoc Declaration Console Coverage TestNG

<terminated> CE_2 (1) [Java Application] C:\Users\uthik\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2022)

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/56150{#936}) on port 48348
Only local connections are allowed.
Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.



Task 03:

- Enter the Customer Id is 401.
- Click "Submit"
- Click Cancel
- Enter the Customer Id is 402.
- Click "Submit"
- Click Ok
- Print the success message from alert box.

https://demo.guru99.com/test/delete_customer.php

CODE:

```
package uth.Day5;

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 CE_3 {

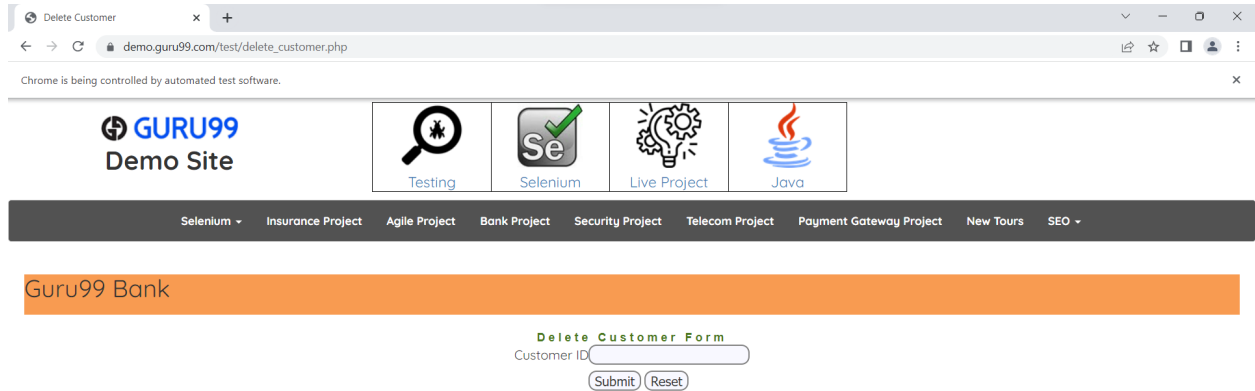
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ChromeOptions co=new ChromeOptions();
        co.addArguments("--remote-allow-origins=*");
        WebDriverManager.chromedriver().setup();
        WebDriver d=new ChromeDriver();
        d.get("https://demo.guru99.com/test/delete_customer.php");
        WebElement idval=d.findElement(By.name("cusid"));
        idval.sendKeys("401");
        d.findElement(By.xpath("/html/body/form/table/tbody/tr[3]/td[2]/input[1]")).click();
        d.switchTo().alert().dismiss();
        idval.clear();
        WebElement val=d.findElement(By.name("cusid"));
        val.sendKeys("402");
        d.findElement(By.xpath("/html/body/form/table/tbody/tr[3]/td[2]/input[1]")).click();
```

```
        d.switchTo().alert().accept();  
        Alert a=d.switchTo().alert();  
        String txt=a.getText();  
        a.accept();  
        System.out.print(txt);  
    }  
}
```

```
1 package uth.Day5;  
2  
3 import org.openqa.selenium.Alert;[]  
11  
12 public class CE_3 {  
13  
14     public static void main(String[] args) {  
15         // TODO Auto-generated method stub  
16         ChromeOptions co=new ChromeOptions();  
17         co.addArguments("--remote-allow-origins=*");  
18         WebDriverManager.chromedriver().setup();  
19         WebDriver d=new ChromeDriver();  
20         d.get("https://demo.guru99.com/test/delete_customer.php");  
21         WebElement idval=d.findElement(By.name("cusid"));  
22         idval.sendKeys("401");  
23         d.findElement(By.xpath("/html/body/form/table/tbody/tr[3]/td[2]/input[1]")).click();  
24         d.switchTo().alert().dismiss();  
25         idval.clear();  
26         WebElement val=d.findElement(By.name("cusid"));  
27         val.sendKeys("402");  
28         d.findElement(By.xpath("/html/body/form/table/tbody/tr[3]/td[2]/input[1]")).click();  
29         d.switchTo().alert().accept();  
30         Alert a=d.switchTo().alert();  
31         String txt=a.getText();  
32         a.accept();  
33         System.out.print(txt);  
34     }  
35  
36 }  
~
```

Problems Javadoc Declaration Console Coverage TestNG
<terminated> CE_3 (2) [Java Application] C:\Users\uthika\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2022)
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 45744
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 Delete!

NAME: UTHIKA C
REG NO: 727721EUCS173



Task 04:

Automate the booking Progress of AbhiBus.com

<https://www.abhibus.com/bus-ticket-booking>

1. Enter the value of "Leaving From", "Going to" and "Date of Journey"

CODE:

```
package uth.Day5;

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 CE_4 {

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



```
// TODO Auto-generated method stub

ChromeOptions co = new ChromeOptions();

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

WebDriverManager.chromedriver().setup();

WebDriver driver = new ChromeDriver(co);

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

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

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

dept.sendKeys("Coimbatore");

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

go.sendKeys("Cuddalore");

driver.findElement(By.id("datepicker1")).click();

driver.findElement(By.xpath("//*[@id=\"ui-datepicker-div\"]/div[1]/table/tbody/tr[5]/td[5]/a")).click();

    }

}
```

```
1 package uth.Day5;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.chrome.ChromeDriver;
7 import org.openqa.selenium.chrome.ChromeOptions;
8
9 import io.github.bonigarcia.wdm.WebDriverManager;
10
11 public class CE_4 {
12
13     public static void main(String[] args) {
14         // TODO Auto-generated method stub
15         ChromeOptions co = new ChromeOptions();
16         co.addArguments("--remote-allow-origin=*");
17         WebDriverManager.chromedriver().setup();
18         WebDriver driver = new ChromeDriver(co);
19         driver.get("https://www.abhibus.com/bus-ticket-booking");
20         driver.manage().window().maximize();
21         WebElement dept=driver.findElement(By.xpath("//*[@id=\"source\"]"));
22         dept.sendKeys("Coimbatore");
23         WebElement go=driver.findElement(By.xpath("//*[@id=\"destination\"]"));
24         go.sendKeys("Cuddalore");
25         driver.findElement(By.id("datepicker1")).click();
26         driver.findElement(By.xpath("//*[@id=\"ui-datepicker-div\"]/div[1]/table/tbody/tr[5]/td[5]/a")).click();
27     }
28 }
29 }
```

Problems Javadoc Declaration Console Coverage TestNG

<terminated> CE_4 (1) [Java Application] C:\Users\uthik\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2022)

at org.openqa.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:543)
at org.openqa.selenium.remote.ElementLocation\$ElementFinder\$2.findElement(ElementLocation.java:162)
at org.openqa.selenium.remote.ElementLocation.findElement(ElementLocation.java:60)
at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:352)
at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:344)
at uth.Day5.CE_4.main(CE_4.java:26)

Bus Booking With AbhiBus: Book

abhibus.com/bus-ticket-booking

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abhibus Bus Trains Hotels Rentals Offers Get Free Rides

Bus Booking in India

Book bus tickets online, check bus time table, bus ticket prices, select SRTC & Volvo AC Sleeper bus services and avail bus ticket offers.

Search For Bus Tickets

Coimbatore Cuddalore 28-05-2023 Search

Home > Bus Ticket Booking

Bus Ticket Booking

You want to travel in India by bus? Are you looking for the easiest way for you to go from one destination to another destination while traveling in India? You don't know how to book bus tickets online at the lowest price? If so, you are at the right place to book your bus ticket online on AbhiBus. With just a few clicks, you can get all the information you need for your bus travel.

AbhiBus offers a large catalogue of SRTC (State Road Transport Corporation), private bus operators and their bus schedules, bus timetables and bus ticket fares and more.

Whenever you want to travel in India using road transportation, you can book bus tickets online through AbhiBus.

While using AbhiBus for bus booking, travellers can use the bus ticket Price Range Filter option to search for the lowest ticket fare easily. So, you can reach your preferred destination at the lowest price possible and have a happy bus journey!

Travellers can do their bus ticket booking directly on the AbhiBus portal or the Mobile App. It's easy to use the online booking platform for the different operators. It's very easy and convenient to find the lowest bus ticket price for your trips in India.

Did you know that you can save your time and money by booking bus online to travel in India? With AbhiBus, travellers can find various bus operators that provide services day and night, making it easy to book bus tickets online.

AbhiBus not only offers easy book bus services online in India, but also offers exclusive online bus bookings cashback offers, discounts and more money savings on bus booking online. Travellers can choose bus seats quickly and easily on AbhiBus. You can check bus operators ratings, customer reviews to make right decisions before bus

Task 05:

1. Open 3 browser
2. Launch Google.com in all 3 browsers
3. Search “Apple” in First Browser
4. Search” Selenium” in Second Browser
5. Search “Cucumber” in Third Browser.
6. Print all the Windows IDs.
7. Print all the title of the Page.

```
package uth.Day5;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
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 CE_5 {

    public static void main(String[] args) throws InterruptedException {
        // TODO Auto-generated method stub
        ChromeOptions co = new ChromeOptions();
        co.addArguments("--remote-allow-origin=*");
        WebDriverManager.chromedriver().setup();

        WebDriver driver1 = new ChromeDriver(co);
        driver1.get("https://www.google.com/");
        driver1.manage().window().maximize();

        WebDriver driver2 = new ChromeDriver();
        driver2.get("https://www.google.com/");
        driver2.manage().window().maximize();

        WebDriver driver3 = new ChromeDriver();
        driver3.get("https://www.google.com/");
```

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```
driver3.manage().window().maximize();
```

```
WebElement sea1=driver1.findElement(By.xpath("//*[@id=\"APjFqb\"]"));  
sea1.sendKeys("Apple",Keys.ENTER);
```

```
WebElement sea2=driver2.findElement(By.xpath("//*[@id=\"APjFqb\"]"));  
sea2.sendKeys("Selenium",Keys.ENTER);
```

```
WebElement sea3=driver3.findElement(By.xpath("//*[@id=\"APjFqb\"]"));  
sea3.sendKeys("cucumber",Keys.ENTER);
```

```
System.out.println(driver1.getWindowHandle());  
System.out.println(driver2.getWindowHandle());  
System.out.println(driver3.getWindowHandle());  
System.out.println(driver1.getTitle());  
System.out.println(driver2.getTitle());  
System.out.println(driver3.getTitle());
```

```
}
```

```
}
```

```
<terminated> CE_5 (1) [Java Application] C:\Users\uthika\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2023, 6:30:25 pm - 6:31:36 pm) [
70AC3AE842DD6842DEC80EAF79E0ABC9
7FFBEA0C042F3A7E1920AA7A6B3D1740
AA8319D37A69B35257BAA406F1C1972B
Apple - Google Search
Selenium - Google Search
cucumber - Google Search
```

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Apple - Google Search

google.com/search?q=Apple&source=hp&ei=73pOZOyAEYHWhwPzprHIAQ&iftsig=AOEireoAAAAAZE6L1yHdoECvUgsrb1-PUYcoSn1Oc&ved=0ahUKEwistNaa6NH-AhUB62EKHXNTD8kQ4d...

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Apple

Results for **Hyderabad, Telangana** · Choose area

Sponsored

apple.com
https://www.apple.com › in

Apple - Official Site
Get up to ₹8000 instant savings on selected products. Plus No Cost EMI. Terms apply. Get ₹20000-₹57800 in credit towards iPhone 14 when you trade in iPhone 11 or higher. Services: **Apple Trade In**, Shop with Specialists, Free delivery, No Cost EMI available.

iPhone 14
With superfast 5G. Now with a splash of yellow.

Apple Stores - now open
Welcome to our new stores in Mumbai and New Delhi.

Apple Watch Series 8
A healthy leap ahead. Learn more and shop now.

Mother's Day gifts
Surprise them with iPhone 14, AirPods Pro, Apple Watch, and more.

Apple
https://www.apple.com › ...

Apple
Technology company

Apple Inc. is an American multinational technology company headquartered in Cupertino, California. Apple is the world's largest technology company by revenue, with US\$394.3 billion in 2022 revenue. As of March 2023, Apple is the world's biggest company by market capitalization. [Wikipedia](#)

Founders: Steve Jobs, Steve Wozniak, Ronald Wayne, Mike Markkula

Stock price: AAPL (NASDAQ)
\$169.68 +1.27 (+0.75%)
28 Apr, 4:00 pm GMT-4 - Disclaimer

Products: iPhone, iPad, Apple TV, Apple Watch, iOS, macOS, AirPods, MORE

Customer service: 000 800 100 9009

Headquarters: Cupertino, California, United States
CEO: Tim Cook (24 Aug 2011 -)

Selenium - Google Search

google.com/search?q=Selenium&source=hp&ei=83pOZPetFM2G-AbfkYjCQ&iftsig=AOEireoAAAAAZE6IA118UE39OXdrpf4g90ESjMPuIU8&ved=0ahUKEwi3882c6NH-AhVNA94KHd8IApsQ4...

Chrome is being controlled by automated test software.

Selenium

Results for **Hyderabad, Telangana** · Choose area

Selenium
https://www.selenium.dev ›

Selenium
Selenium automates browsers. That's it! What you do with that power is entirely up to you. Primarily it is for automating web applications for testing ...

Downloads
Ecosystem - JavaScript API - WebDriver - ...

About Selenium
Selenium is a suite of tools for automating web browsers ...

WebDriver
Getting started - Driver Sessions - Supported Browsers - Waits - ...

The Selenium Browser ...
WebDriver - Test Practices - Selenium IDE - Grid - Waits - ...
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People also ask

Selenium
Software

Selenium is an open source umbrella project for a range of tools and libraries aimed at supporting browser automation. It provides a playback tool for authoring functional tests across most modern web browsers, without the need to learn a test scripting language. [Wikipedia](#)

Programming languages: Python, Java, JavaScript, C#, Ruby

Developer: Thoughtworks

Initial release date: 30 April 2002

License: [Apache License 2.0](#)

cucumber - Google Search

google.com/search?q=cucumber&source=hp&ei=93pOZJXv8JPS-Qb3oLXoBg&iftsig=AOEireoAAAAAZE6jB0jWl2VCEI76uWWwwRyCsqsK41hZ&ved=0ahUKEwjVx7Ke6NH-AhUTad4KHXdQD...

Chrome is being controlled by automated test software.

Google

cucumber

Sign In

All

Images

Shopping

News

Videos

More

Tools

About 35,30,00,000 results (0.44 seconds)

See results about

cucumber

Dictionary definition

cucumber, (*Cucumis sativus*), creeping plant of the gourd family (*Cucurbitaceae*), widely cultivated for its edible fruit. The nutritional value of the cucumber is low, but its delicate flavour makes it popular for salads and relishes. Small fruits are often pickled.


02-Mar-2023

Encyclopedia Britannica

https://www.britannica.com › ... › Food

Cucumber | plant - Encyclopedia Britannica

Images



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People also ask

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What are the 10 benefits of cucumber?

Is it OK to eat cucumber everyday?

Cucumber

Plant

The cucumber is a widely-cultivated creeping vine plant in the family Cucurbitaceae that bears cylindrical to spherical fruits, which are used as culinary