NAME: UTHIKA C
REG NO: 727721EUCS173

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"));
```

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

    }

}
```

```java
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();
    }

}
```

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```
<terminated> CE_1 (1) [Java Application] C:\Users\uthik\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-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 (bd2a7bcb881c11e8cfe3078709382934e3916914-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.
```

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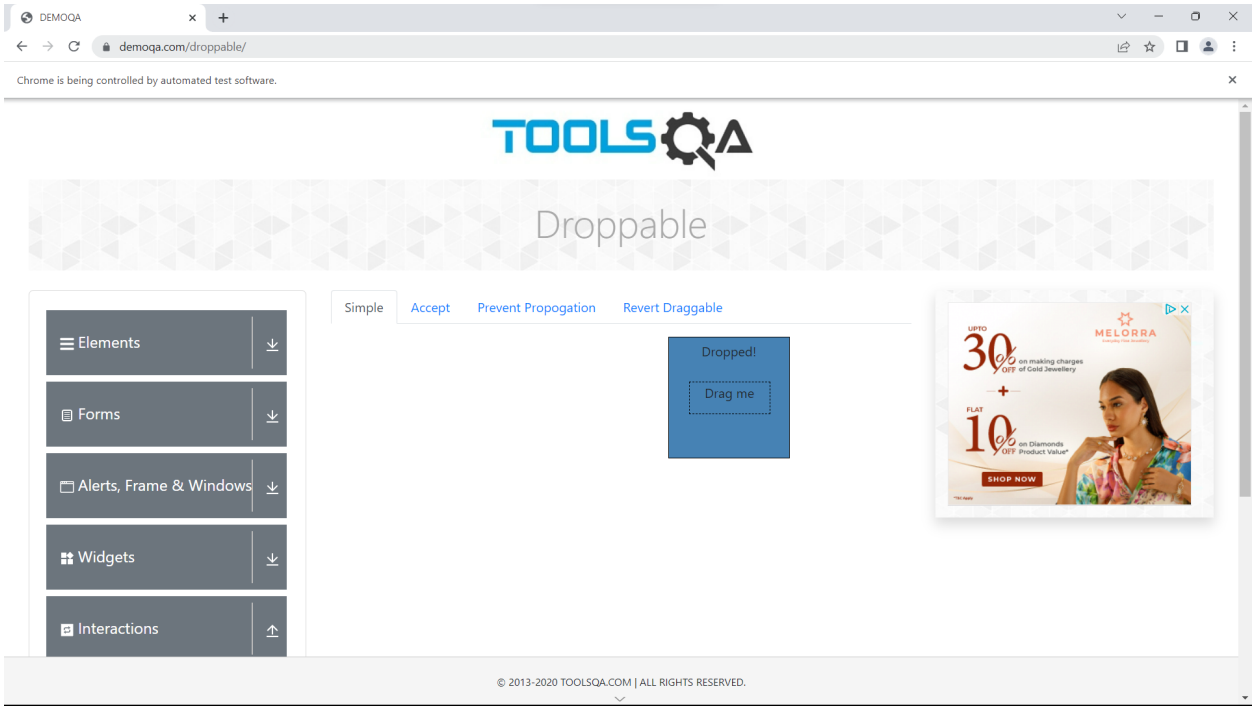

Task 02:

- 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;
```

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```
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();

	}

}
```

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```java
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();
    }

}
```

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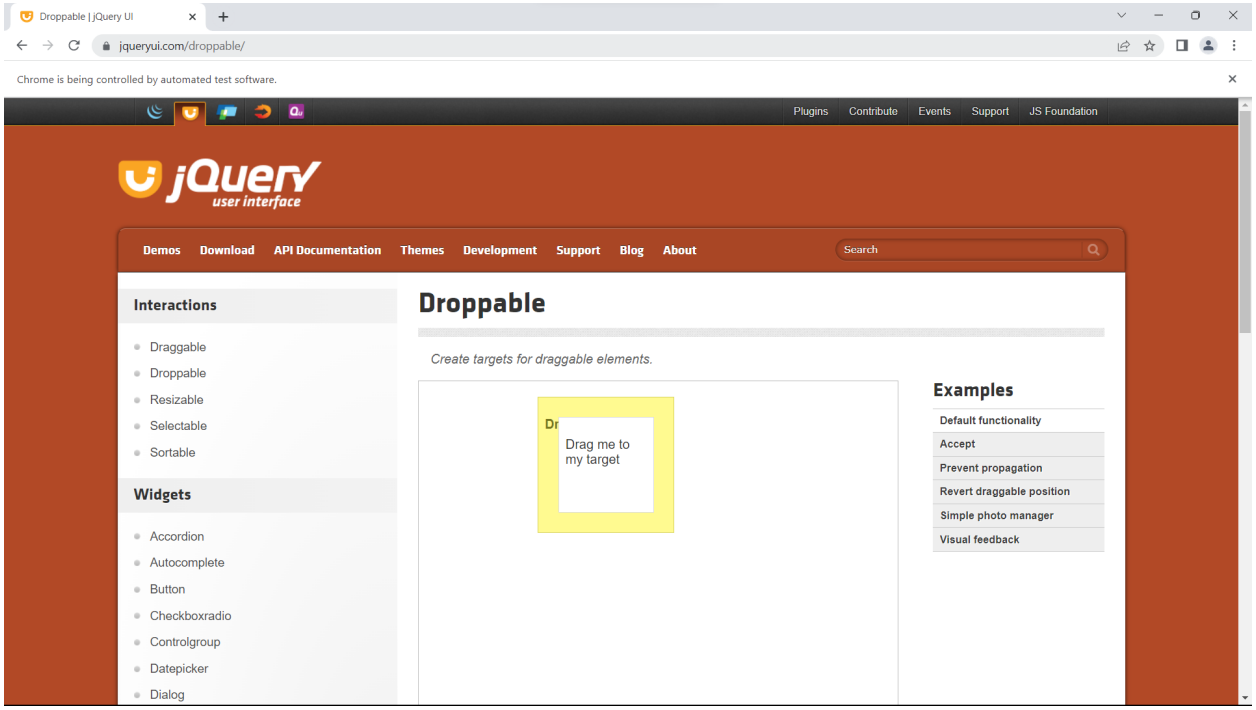
```
<terminated> CE_2 (1) [Java Application] C:\Users\uthik\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-20
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting ChromeDriver 112.0.5615.49 (bd2a7bcb881c11e8cfe3078709382934e3916914-refs/branch-heads/5615@{#936}) on port 48348
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
```



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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();
```

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

}
```

```java
package uth.Day5;

import org.openqa.selenium.Alert;

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);
    }

}
```

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```
<terminated> CE_3 (2) [Java Application] C:\Users\uthik\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-2
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!
```

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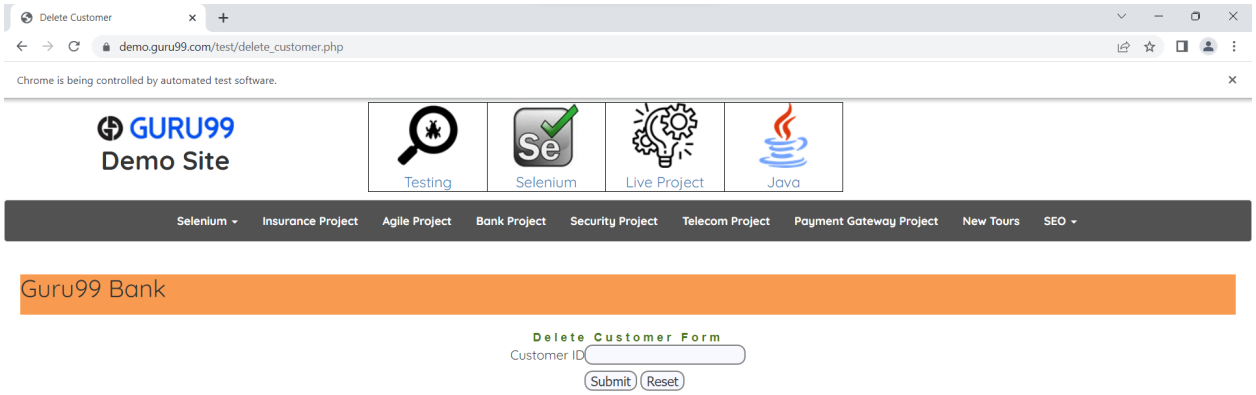

Task 04:

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) {
```

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```
		// 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();
	}
}
```

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```java
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();
    }

}
```

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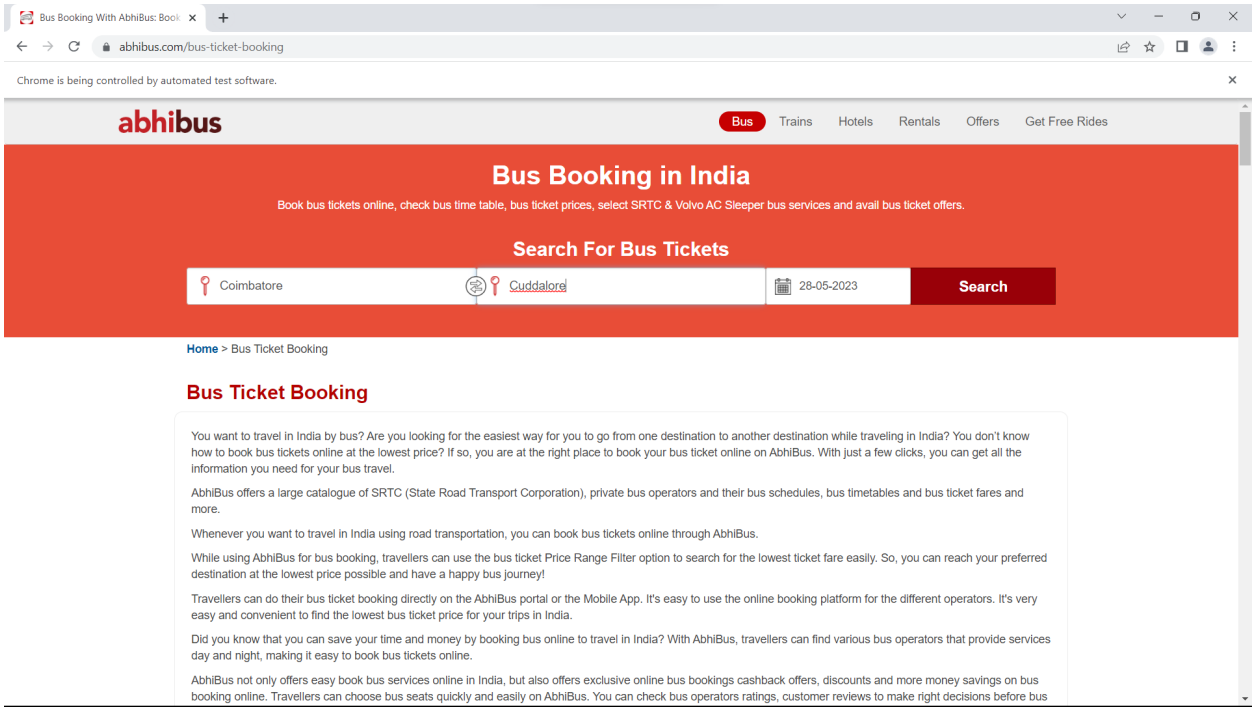
<terminated> CE_4 (1) [Java Application] C:\Users\uthik\Downloads\eclipse-java-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220903-1038\jre\bin\javaw.exe (01-May-2

```
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)
```



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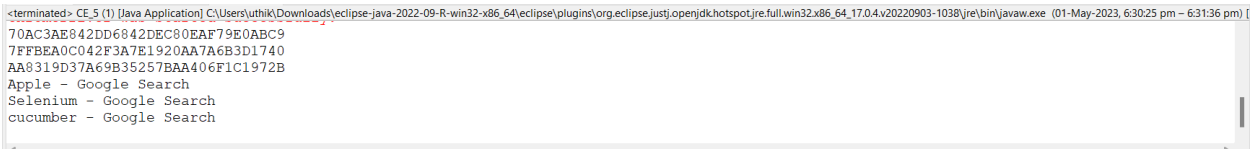
```
        driver3.manage().window().maximize();

        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());



      }

}
```



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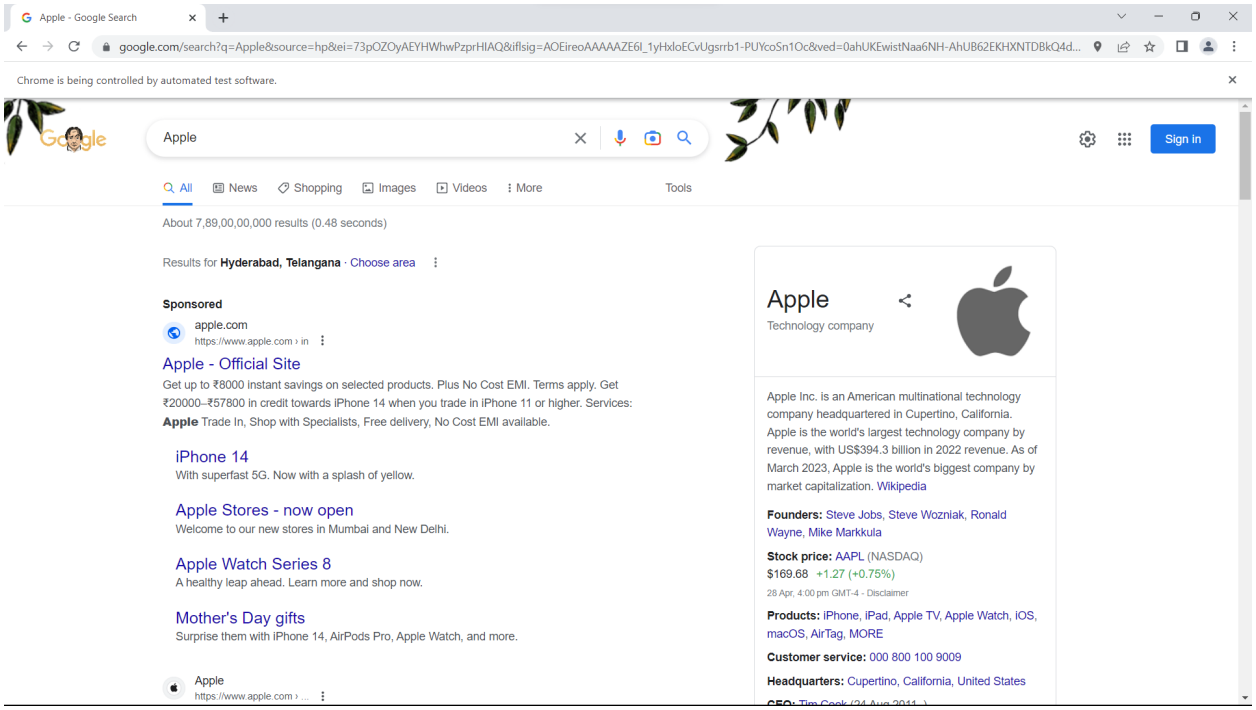

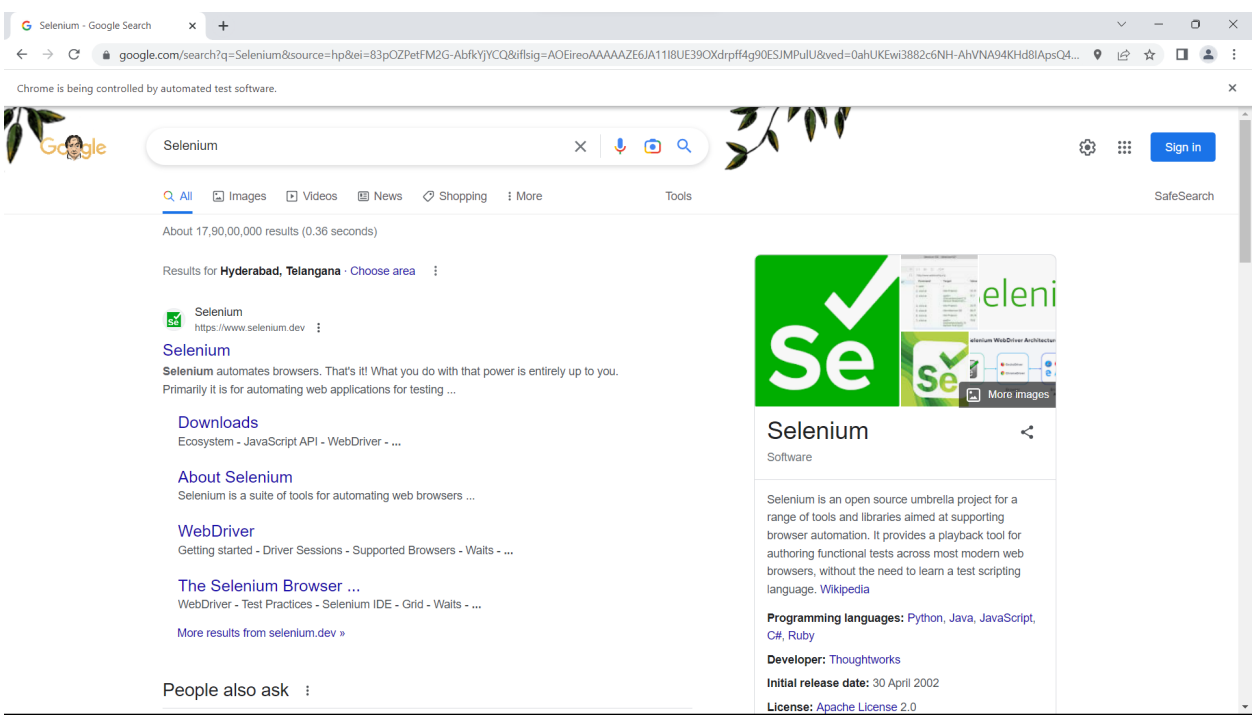
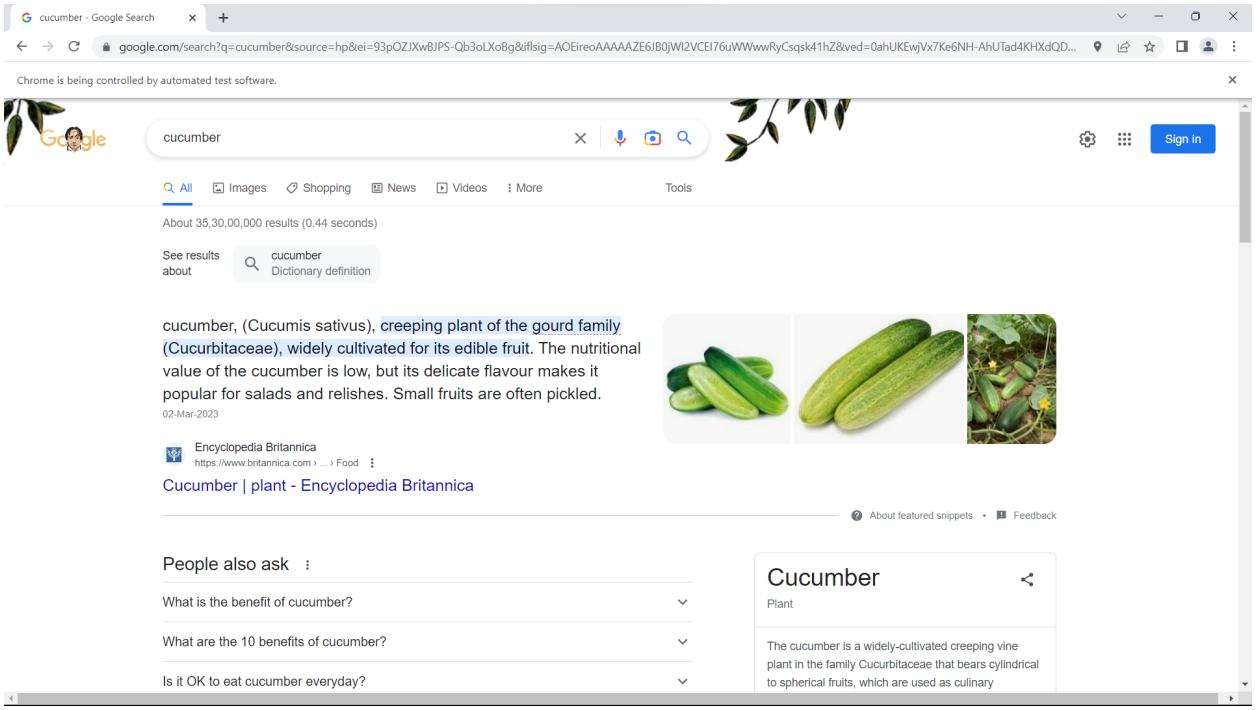
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