**PROJECT WORK**

**package** codingforselenium;

**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.NoAlertPresentException;

**import** org.openqa.selenium.Alert;

**import** org.openqa.selenium.interactions.Actions;

**public** **class** Automation {

//ALERT

**public** **static** **void** main(String[] args) **throws** NoAlertPresentException,InterruptedException {

System.*setProperty*("webdriver.chrome.driver","C:/Users/hai/Downloads/chromedriver\_win32/chromedriver.exe");

WebDriver driver = **new** ChromeDriver();

// Alert Message handling

driver.get("https://demo.guru99.com/test/delete\_customer.php");

driver.findElement(By.*name*("cusid")).sendKeys("456788");

driver.findElement(By.*name*("submit")).submit();

// Switching to Alert

Alert alert = driver.switchTo().alert();

// Capturing alert message.

String alertMessage= driver.switchTo().alert().getText();

// Displaying alert message

System.***out***.println(alertMessage);

Thread.*sleep*(5000);

// Accepting alert

alert.accept();

//DRAGANDDROP

{

driver.get("http://demo.guru99.com/test/drag\_drop.html");

//Element(BANK) which need to drag.

WebElement From= driver.findElement(By.*xpath*("//\*[@id='credit2']/a"));

//Using Action class for drag and drop.

Actions act=**new** Actions(driver);

//Drag and Drop by Offset.

act.dragAndDropBy(From,135, 40).build().perform();

}

//CHECKBOXANDRADIOBUTTON

{

driver.get("https://demoqa.com/checkbox");

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

WebElement checkBoxSelected = driver.findElement(By.*cssSelector*("#tree-node > ol > li > span > label > span.rct-checkbox > svg"));

**boolean** isSelected = checkBoxSelected.isSelected();

System.***out***.println(isSelected);

// performing click operation if element is not selected

**if** (isSelected == **false**) {

checkBoxSelected.click();

}

WebElement checkBoxDisplayed = driver.findElement(By.*cssSelector*("#tree-node > ol > li > span > label > span.rct-checkbox > svg > path"));

**boolean** isDisplayed = checkBoxDisplayed.isDisplayed();

System.***out***.println(isDisplayed);

// performing click operation if element is displayed

**if** (isDisplayed == **true**) {

checkBoxDisplayed.click();

}

WebElement checkBoxEnabled = driver.findElement(By.*cssSelector*("#tree-node > ol > li > span > label > span.rct-checkbox > svg > path"));

**boolean** isEnabled = checkBoxEnabled.isEnabled();

System.***out***.println(isEnabled);

// performing click operation if element is enabled

**if** (isEnabled == **true**) {

checkBoxEnabled.click();

}

}}}





