***GMAIL LOGIN USING SELENIUM***

**SOURCE CODE:**

package Selenium;

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.interactions.Actions;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;

public class gmail {

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

System.setProperty("webdriver.chrome.driver","C:/Users/adhis/Downloads/Compressed/chromedriver-win64/chromedriver-win64/chromedriver.exe");

WebDriver driver = new ChromeDriver();

driver.get("https://mail.google.com/");

driver.findElement(By.name("identifier")).sendKeys("adhisayaedubridge@gmail.com");

driver.findElement(By.xpath("//\*[@id=\"identifierNext\"]/div/button/span")).click();

driver.findElement(By.name("Passwd")).sendKeys("adhi12345");

driver.findElement(By.xpath("//\*[@id=\"passwordNext\"]/div/button/span")).click();

// Handle Alert

driver.findElement(By.xpath("//button[contains(text(), 'Sign In')]")).click();

driver.switchTo().alert().accept();

// Checkboxes

WebElement primaryCheckbox = driver.findElement(By.xpath("//div[text()='Primary']/preceding-sibling::div//div[@role='checkbox']"));

primaryCheckbox.click();

// Radio Buttons

WebElement starredRadio = driver.findElement(By.xpath("//div[text()='Starred']/preceding-sibling::div//div[@role='radio']"));

starredRadio.click();

// Drag and Drop

WebElement sourceElement = driver.findElement(By.xpath("//div[contains(text(), 'Important')]/parent::div"));

WebElement targetElement = driver.findElement(By.xpath("//div[text()='Social']"));

Actions actions = new Actions(driver);

actions.dragAndDrop(sourceElement, targetElement).perform();

// Navigation Bar

WebElement composeButton = driver.findElement(By.xpath("//div[text()='Compose']"));

composeButton.click();

// Enter recipient and subject

WebElement toField = driver.findElement(By.name("to"));

toField.sendKeys("recipient@gmail.com");

WebElement subjectField = driver.findElement(By.name("subjectbox"));

subjectField.sendKeys("Test Subject");

// Send the email

WebElement sendButton = driver.findElement(By.xpath("//div[text()='Send']"));

sendButton.click();

// Wait for email to send (example: wait for the Sent confirmation)

// WebDriverWait wait = new WebDriverWait(driver, 10);

// wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//span[contains(text(), 'Message sent.')]")));

// Close the browser

driver.quit();

}

}

**OUTPUT:**

