Task 1

Open ​​<https://www.facebook.com/>

Capture the below text and verify text contains the below text

Facebook helps you connect and share with the people in your life

Graphical user interface

Description automatically generated with medium confidence

**Answer** :

**package** Assignment8;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Script1 {

**public** **static** **void** main(String[] args)

{

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

driver.get("https://www.facebook.com/");

WebElement var3=driver.findElement(By.*xpath*("//h2[text()='Facebook helps you connect and share with the people in your life.']"));

String text=var3.getText();

**if**(text.contains("Facebook helps you connect "))

{

System.***out***.println("Captured text is Present");

}

**else**

{

System.***out***.println("Captured text is not Present");

}

}

}

Task2

Open ​​<https://www.facebook.com/>

Capture all link text available in the footer section and verify Create Page Link is present or not. If yes then click on it.

Graphical user interface, text, application, email

Description automatically generated

**Answer** :

**package** Assignment8;

**import** java.util.List;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Script2 {

**public** **static** **void** main(String[] args)

{

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

driver.get("https://www.facebook.com/");

List<WebElement> alllinks=driver.findElements(By.*xpath*("//a"));

**for** (WebElement var3:alllinks)

{

String text1=var3.getText();

System.***out***.println("Links are :"+text1);

**if**(text1.contains("Create a Page"))

{

System.***out***.println("Create a Page is present- Clicking on the Link");

driver.findElement(By.*xpath*("//a[text()='Create a Page']")).click();

**break**;

}

}

}

}

Task 3

Note- Please use only xpath in this scenario

Open <https://www.facebook.com/>

Click on Create new account

Fill in all details and click on the Signup button

Graphical user interface, text, application, email

Description automatically generated

**Answer** :

**package** Assignment8;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Script3 {

**public** **static** **void** main(String[] args)

{

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

driver.get("https://www.facebook.com/");

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

driver.findElement(By.*xpath*("//a[.='Create New Account']")).click();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(15));

driver.findElement(By.*xpath*("//input[@aria-label='First name']")).sendKeys("Test");

driver.findElement(By.*xpath*("//input[@aria-label='Surname']")).sendKeys("user");

driver.findElement(By.*xpath*("//input[@name='reg\_email\_\_']")).sendKeys("9999999999");

driver.findElement(By.*xpath*("//input[@id='password\_step\_input']")).sendKeys("password");

driver.findElement(By.*xpath*("//select[@name='birthday\_day']"));

driver.findElement(By.*xpath*("//select[@name='birthday\_month']"));

driver.findElement(By.*xpath*("//select[@id='year']"));

driver.findElement(By.*xpath*("//label[text()='Female']")).click();

driver.findElement(By.*xpath*("//label[text()='Male']"));

driver.findElement(By.*xpath*("//label[text()='Custom']"));

driver.findElement(By.*xpath*("//button[@name='websubmit']")).click();

}

}

Task 4

Perform same steps which you did in task 3 but replace all xpath with css Selectors.

**package** Assignment8;

**import** java.time.Duration;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Script4 {

**public** **static** **void** main(String[] args)

{

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

driver.get("https://www.facebook.com/");

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

driver.findElement(By.*cssSelector*("a[ajaxify$='/reg/spotlight/']")).click();

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(15));

driver.findElement(By.*cssSelector*("input[aria-label$='First name']")).sendKeys("Test");

driver.findElement(By.*cssSelector*("input[aria-label$='Surname']")).sendKeys("user");

driver.findElement(By.*cssSelector*("input[aria-label$='Mobile number or email address']")).sendKeys("9999999999");

//driver.findElement(By.cssSelector(""));

driver.findElement(By.*cssSelector*("input[aria-label\*='New password']")).sendKeys("password");

driver.findElement(By.*cssSelector*("select[aria-label$='Day']"));

driver.findElement(By.*cssSelector*("select[aria-label$='Month']"));

driver.findElement(By.*cssSelector*("select[aria-label$='Year']"));

driver.findElement(By.*cssSelector*("label[class$='\_58mt']")).click();

driver.findElement(By.*cssSelector*("label[class$='\_58mt']"));

//driver.findElement(By.xpath("//label[text()='Custom']"));

driver.manage().timeouts().implicitlyWait(Duration.*ofSeconds*(15));

driver.findElement(By.*cssSelector*("button[name$='websubmit']")).click();

}

}