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

Answer :

```java
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.']"));
```

```java
        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");
        }
    }

}
```
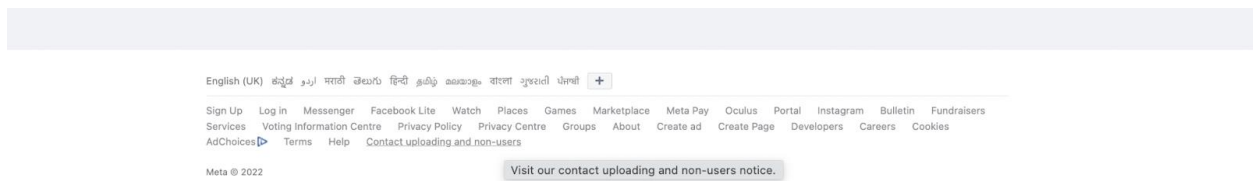
Task2

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.

English (UK) ಕನ್ನಡ اردو मराठी తెలుగు हिन्दी தமிழ் മലയാളം বাংলা ગુજરાતી ਪੰਜਾਬੀ +

Sign Up Log in Messenger Facebook Lite Watch Places Games Marketplace Meta Pay Oculus Portal Instagram Bulletin Fundraisers
Services Voting Information Centre Privacy Policy Privacy Centre Groups About Create ad Create Page Developers Careers Cookies
AdChoices ▷ Terms Help Contact uploading and non-users

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```java
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)
```

```java
            {
                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

Sign Up

It's quick and easy.

✕

| First name | Surname |

Mobile number or email address

New password

Date of birth ❓

| 7 ⌄ | Dec ⌄ | 2022 ⌄ |

Gender ❓

| Female ○ | Male ○ | Custom ○ |

People who use our service may have uploaded your contact information to Facebook. Learn more.

By clicking Sign Up, you agree to our Terms, Privacy Policy and Cookies Policy. You may receive SMS notifications from us and can opt out at any time.

Sign Up

Answer :

```java
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']")).send
Keys("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.

```java
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/']")).cli
ck();


        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']"));
```

```java
                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()
;



    }

}
```