Selenium Documentation



Project Name : Creating New Facebook ID.

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INTRODUCTION

SELENIUM :

Selenium is a free (open-source) automated testing framework used to validate web applications across different browsers and platforms. You can use multiple programming languages like Java, C#, Python etc to create Selenium Test Scripts. Testing done using the Selenium testing tool is usually referred to as Selenium Testing.

SELENIUM WEBDRIVER :

WebDriver is designed to providing an simpler, more concise programming interface along with addressing some limitations in the Selenium-RC API. Selenium-WebDriver was developed to better support dynamic web pages where elements of a page may change without the page itself being reloaded. WebDriver’s goal is to supply a well-designed object-oriented API that provides improved support for modern advanced web-app testing problems.



PROJECT STEPS

STEP 1:

Create Project Name , Package Name & Class Name.

STEP 2:

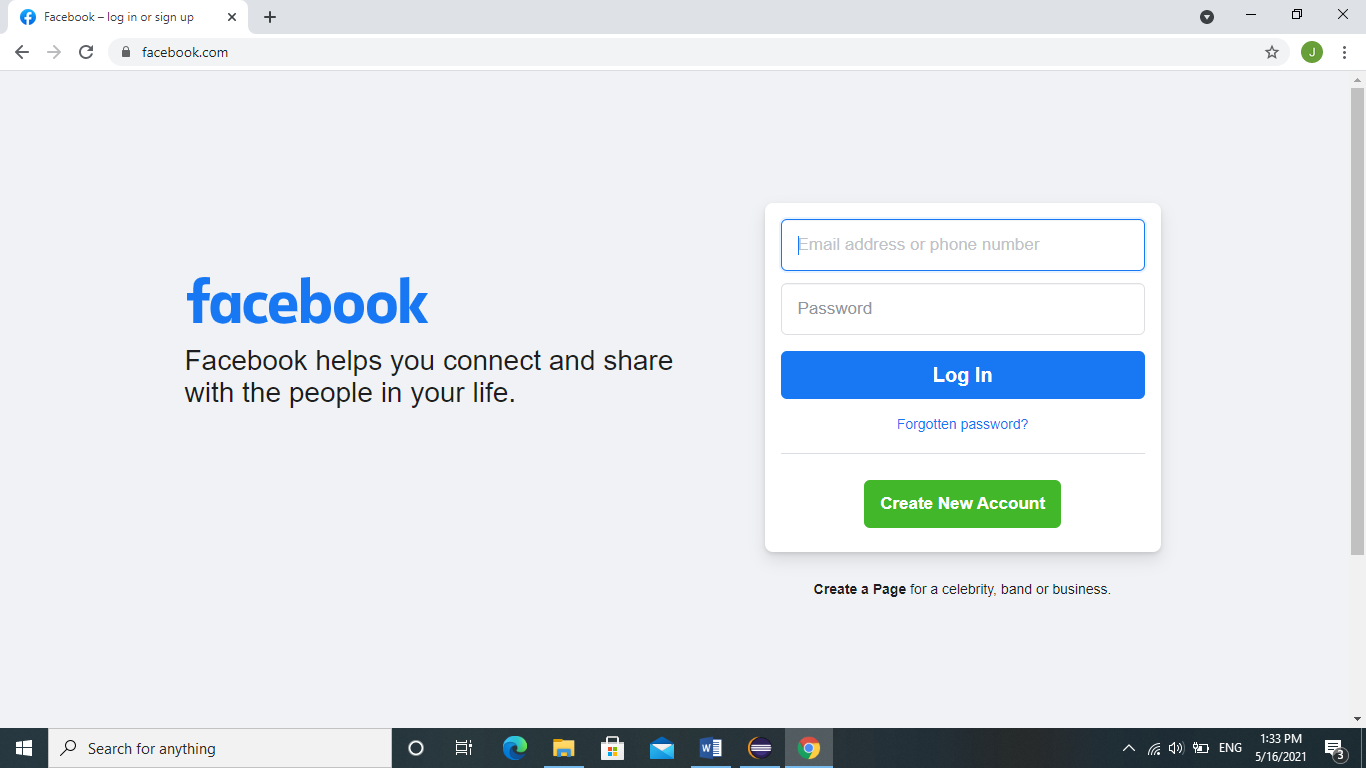
Create Main Method in the Class.

Include System.setProperty.

STEP 3:

Include Facebook site by using driver.get Option.

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



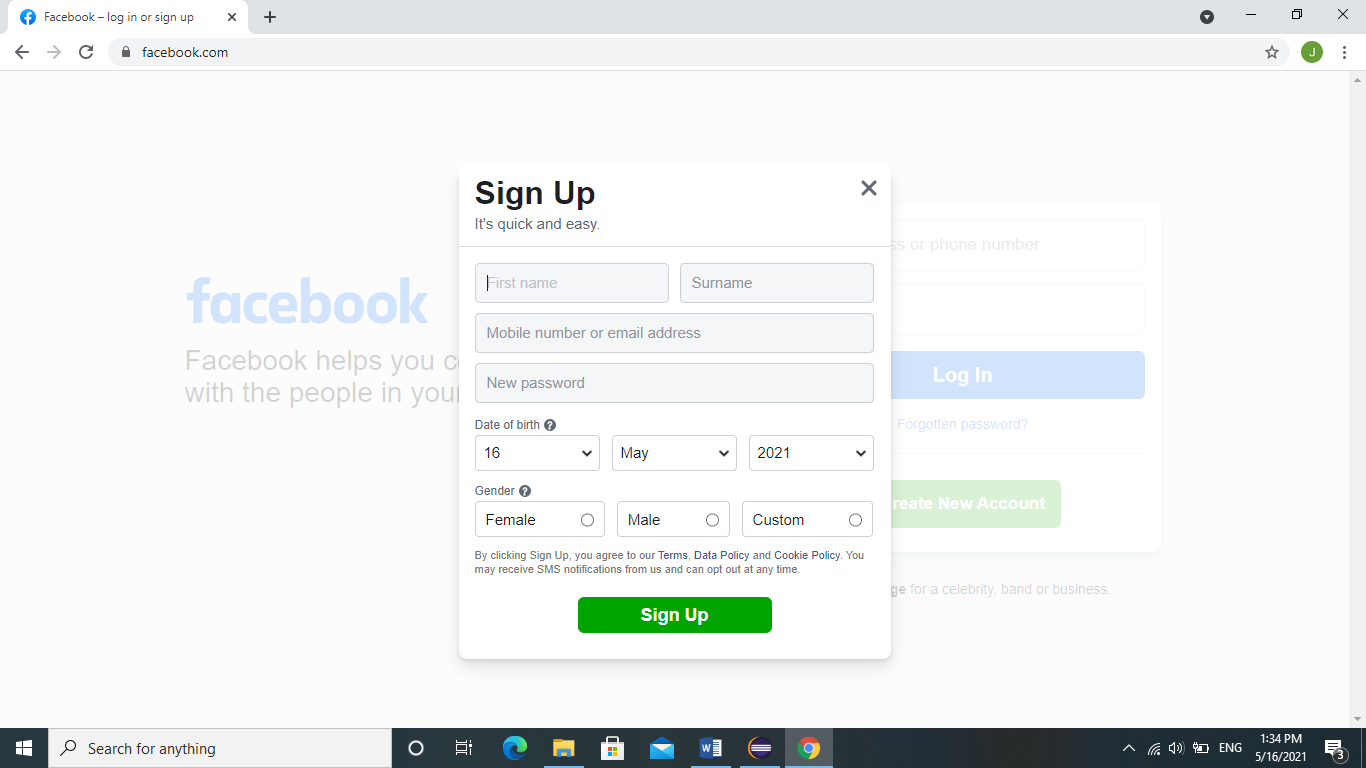
STEP 4:

Inspect the create new account.

Take Xpath for Create new account & add click();

Xpath for create new account:

driver.findElement(By.*xpath*("(//a[@role='button'])[2]")).click():



STEP 5:

By using any locators in driver.findElement().click(); fill the sign up form.

Locators used in sign up form:

\*First Name :

driver.findElement(By.*name*("firstname")).sendKeys("jagan");

\*Last Name :

driver.findElement(By.*name*("lastname")).sendKeys("jd");

\*Mail id :

driver.findElement(By.*xpath*("(//input[@type='text'])[4]")).sendKeys("jagandhana24@gmail.com");

\*Re confirm mail id :

driver.findElement(By.*xpath*("(//input[@type='text'])[5]")).sendKeys("jagandhana24@gmail.com");

\*Password :

driver.findElement(By.*xpath*("(//input[@type='password'])[2]")).sendKeys("jagan@15");

Fill the date of birth by using Select function.

Date :

WebElement j = driver.findElement(By.*id*("day"));

Month :

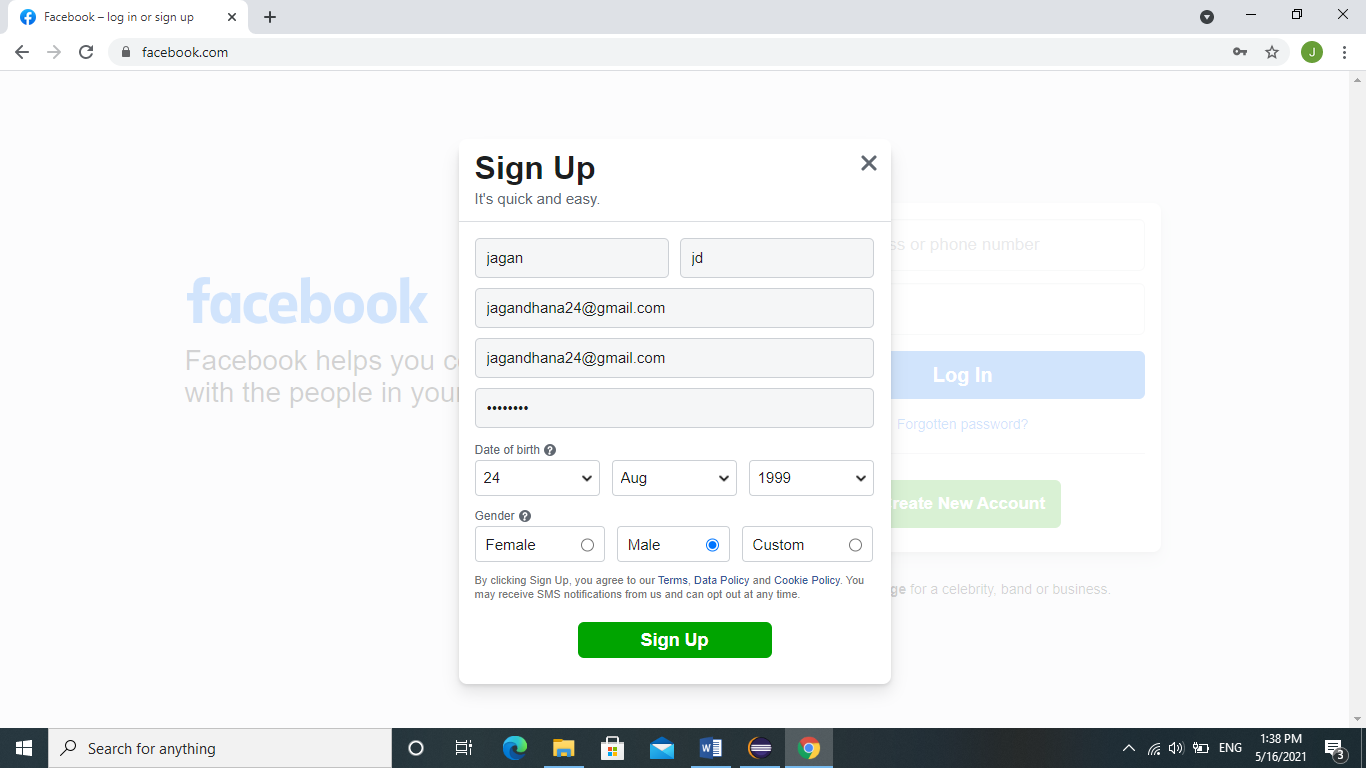
WebElement j1 = driver.findElement(By.*id*("month"));

Year :

WebElement j2 = driver.findElement(By.*id*("year"));

Gender :

driver.findElement(By.*xpath*("(//input[@type='radio'])[2]")).click();



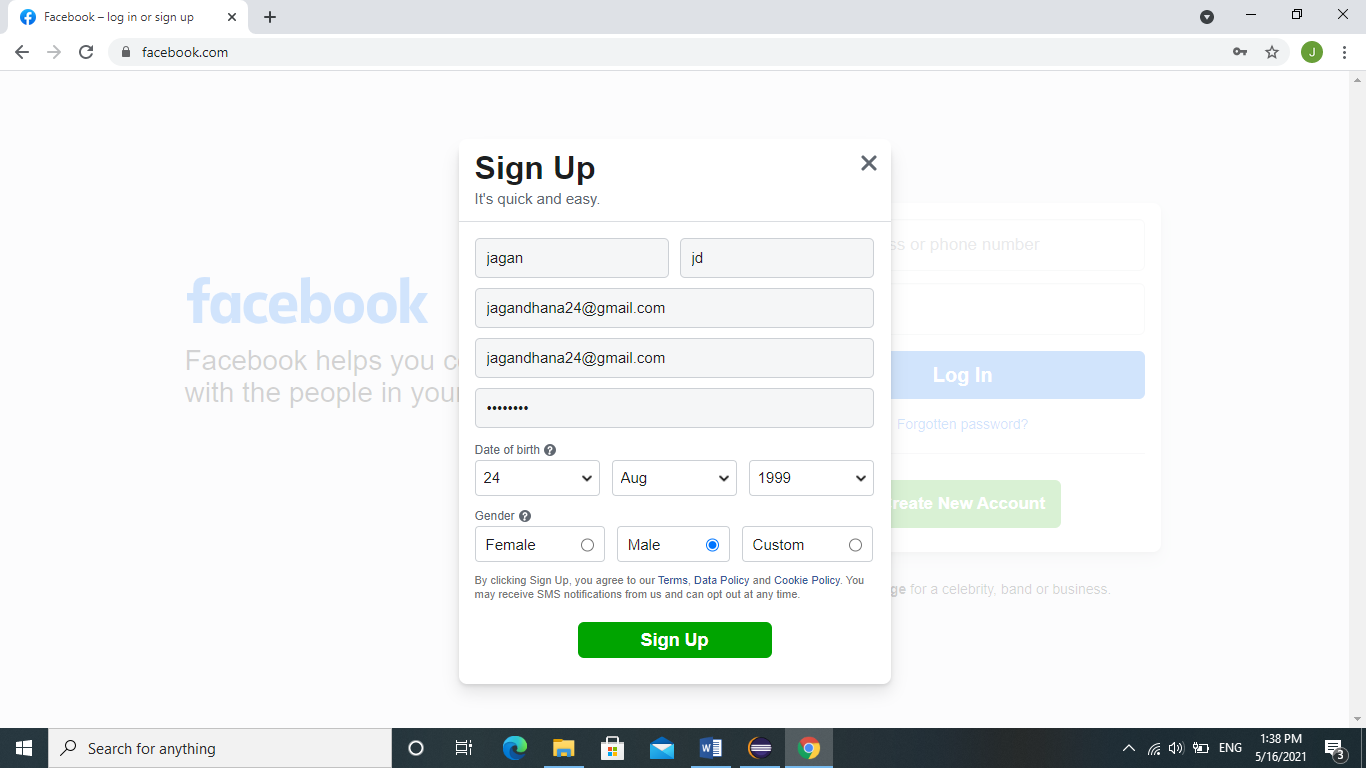
STEP 6:

Inspect the sign up .

Take xpath for sign up button & add click();

Xpath for sign up button:

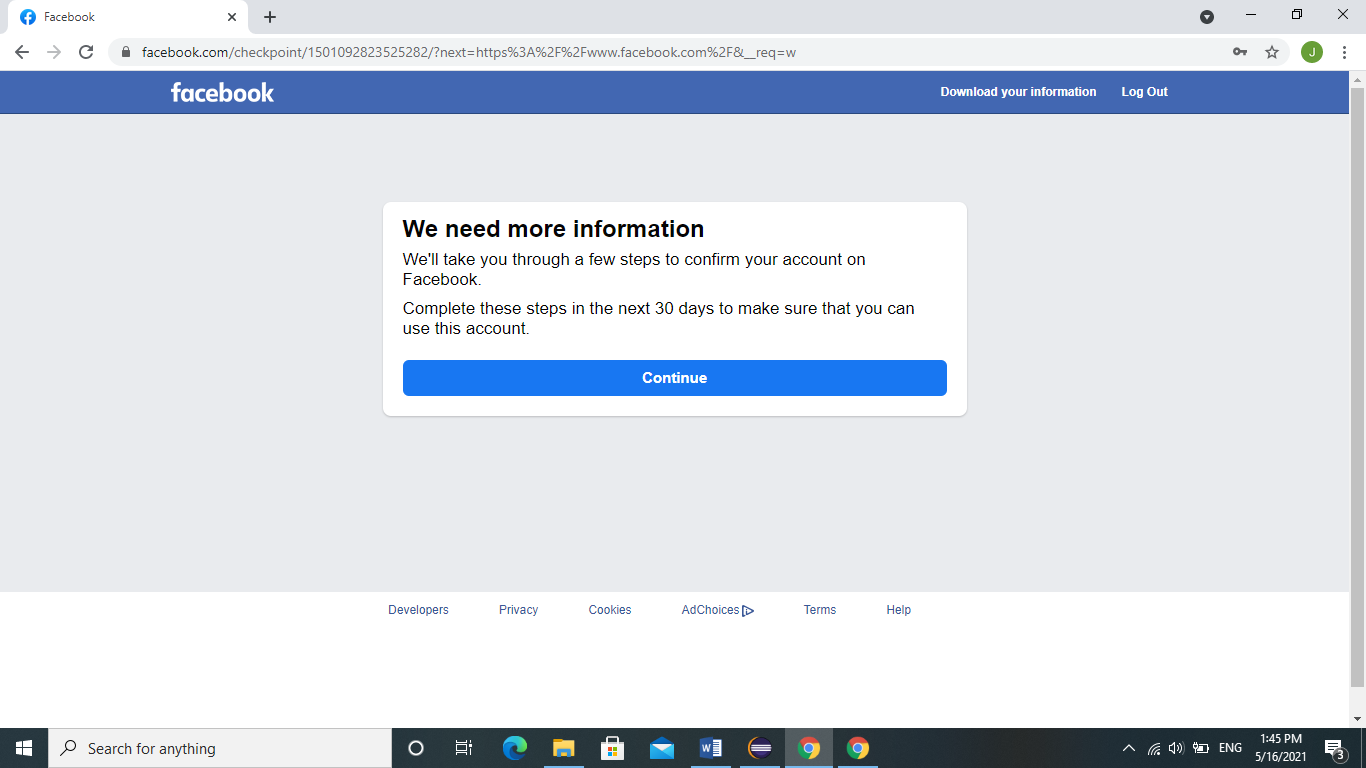
driver.findElement(By.*xpath*("(//button[@type='submit'])[2]")).click();



STEP 7:

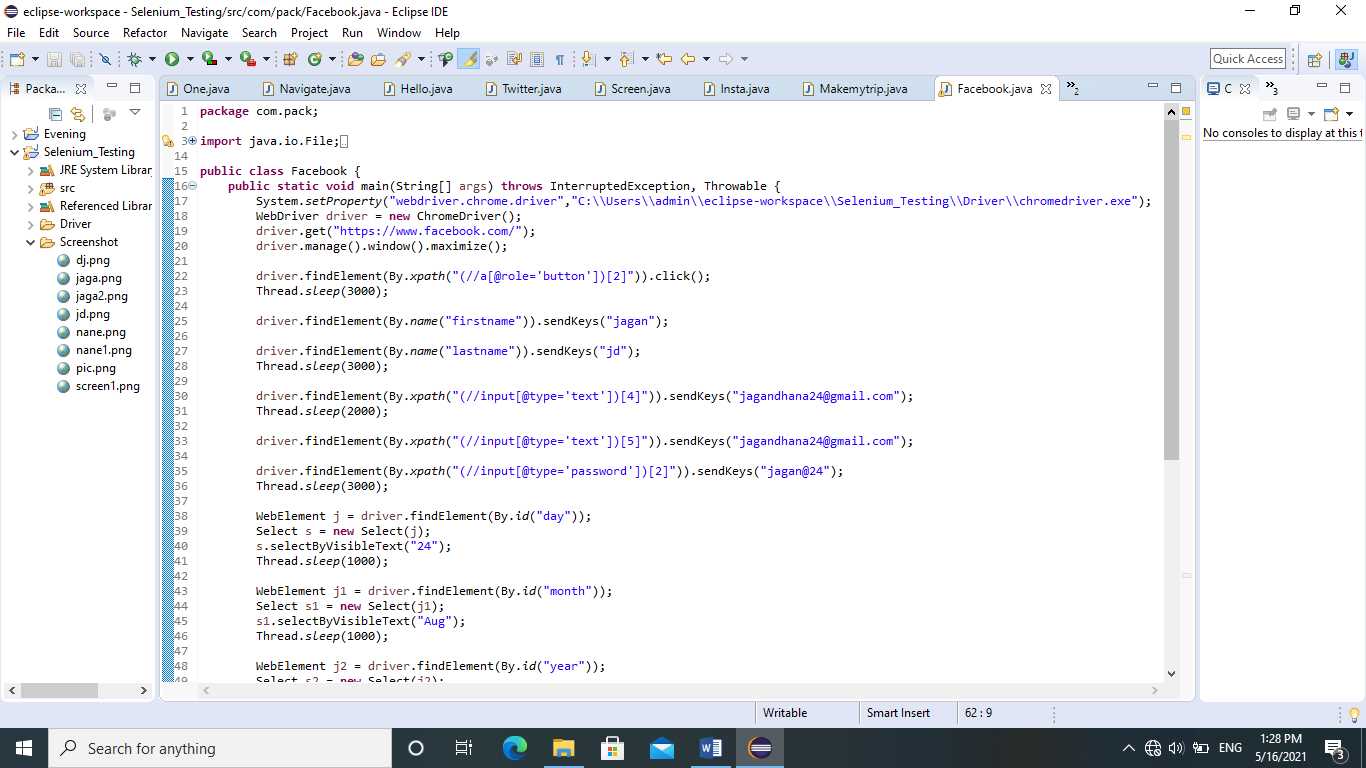
Take the Screenshot of sign up page.

Output :

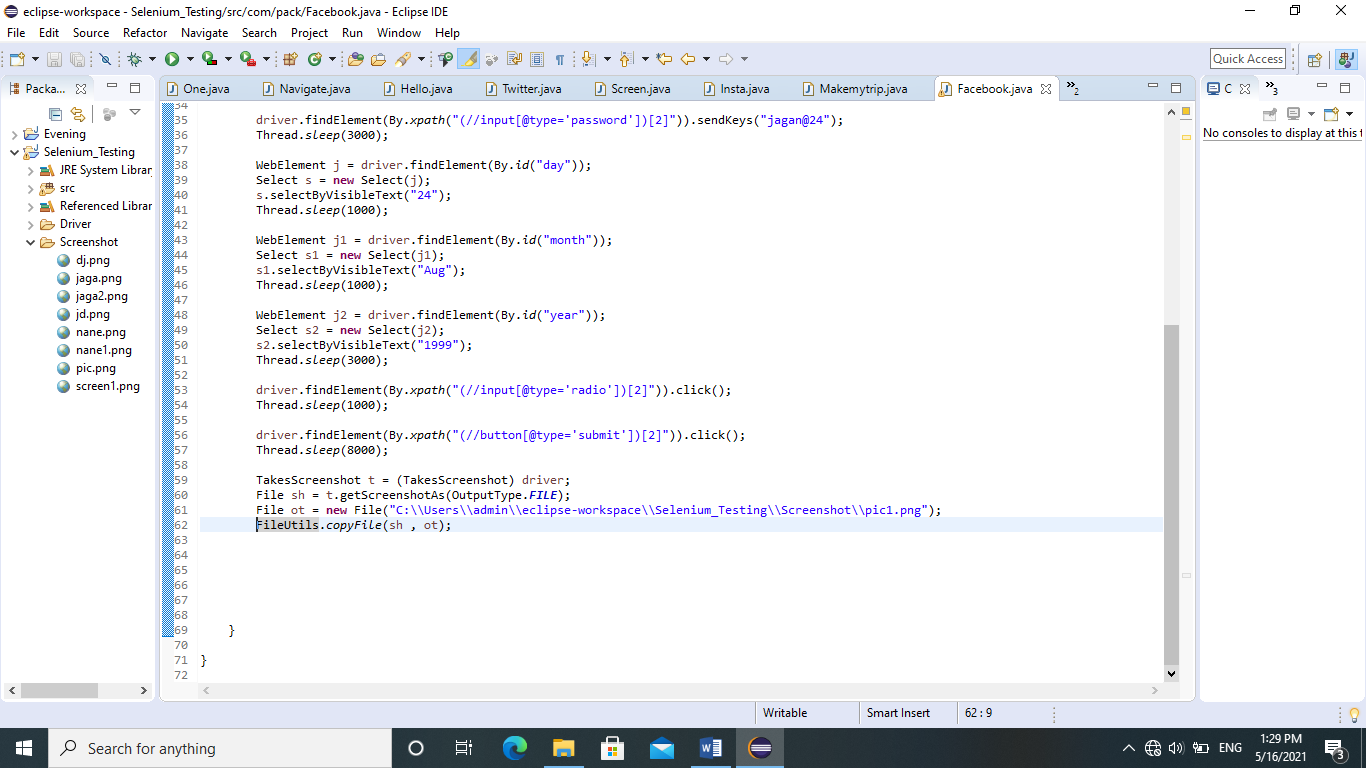


CODING :

Screen shot 1:



Screen shot 2:



CONCLUSION

Hence new face book ID has been created with the help of selenium Webdriver and the project is executed successfully.

