

Problem Statement:

Write Xpath and automate login for below.

Please Launch <https://www.facebook.com>

Enter Email and Password and click on Login

Source code: AutomateLogin.java

```
package com.ibm.seleniumconcepts;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;

public class AutomateLogin {

    // Declaration of main method
    public static void main(String[] args) {

        // Setting path for Firefox Driver
        System.setProperty("webdriver.gecko.driver",
"./drivers/geckodriver.exe");
        WebDriver driver = new FirefoxDriver();

        // Launch the web site for facebook
        driver.get("https://www.facebook.com");

        // Locating the text box Email
        WebElement user = driver.findElement(By.xpath("//input[@id='email']"));
        user.sendKeys("srinivas.nirmal@gmail.com");

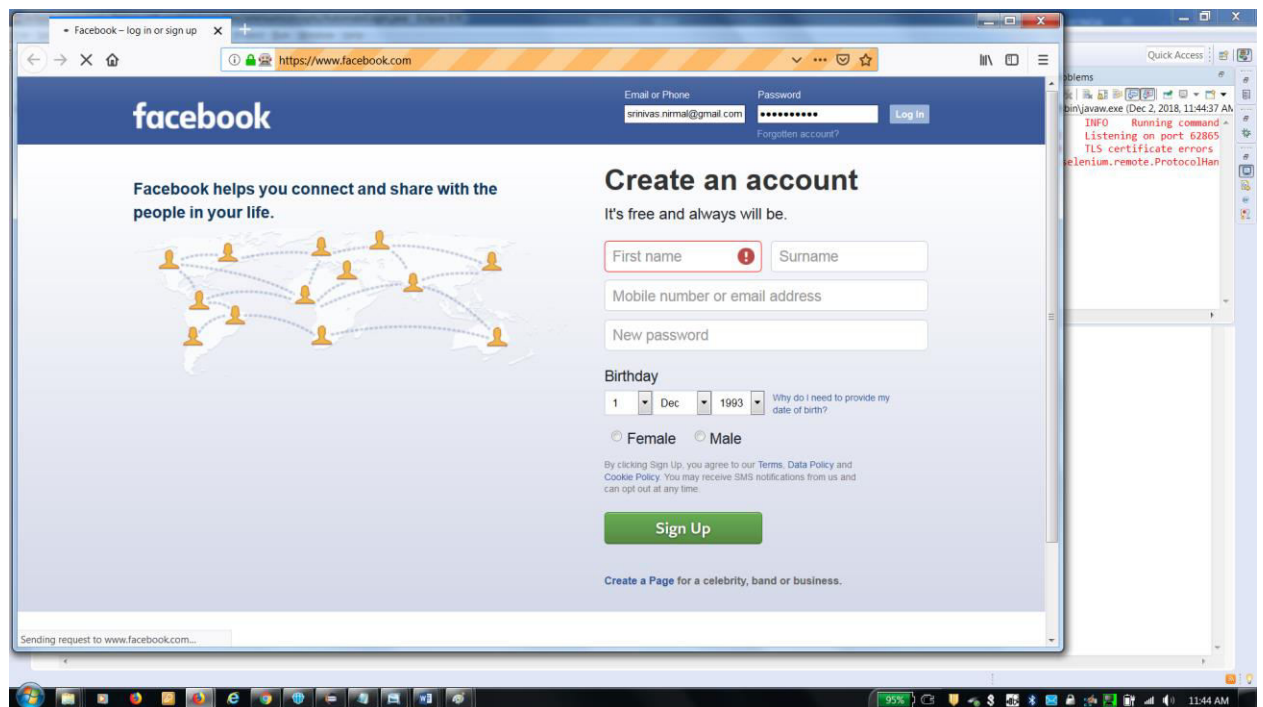
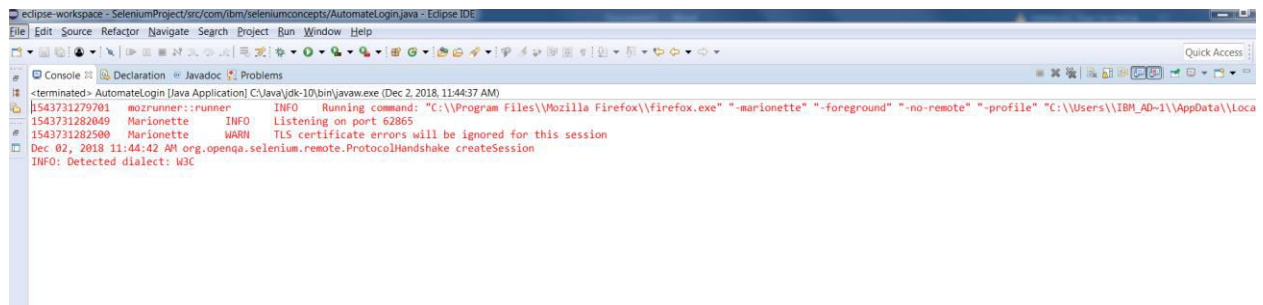
        // Locating the text box password
        WebElement password =
driver.findElement(By.xpath("//input[@name='pass']"));
        password.sendKeys("welcome123");

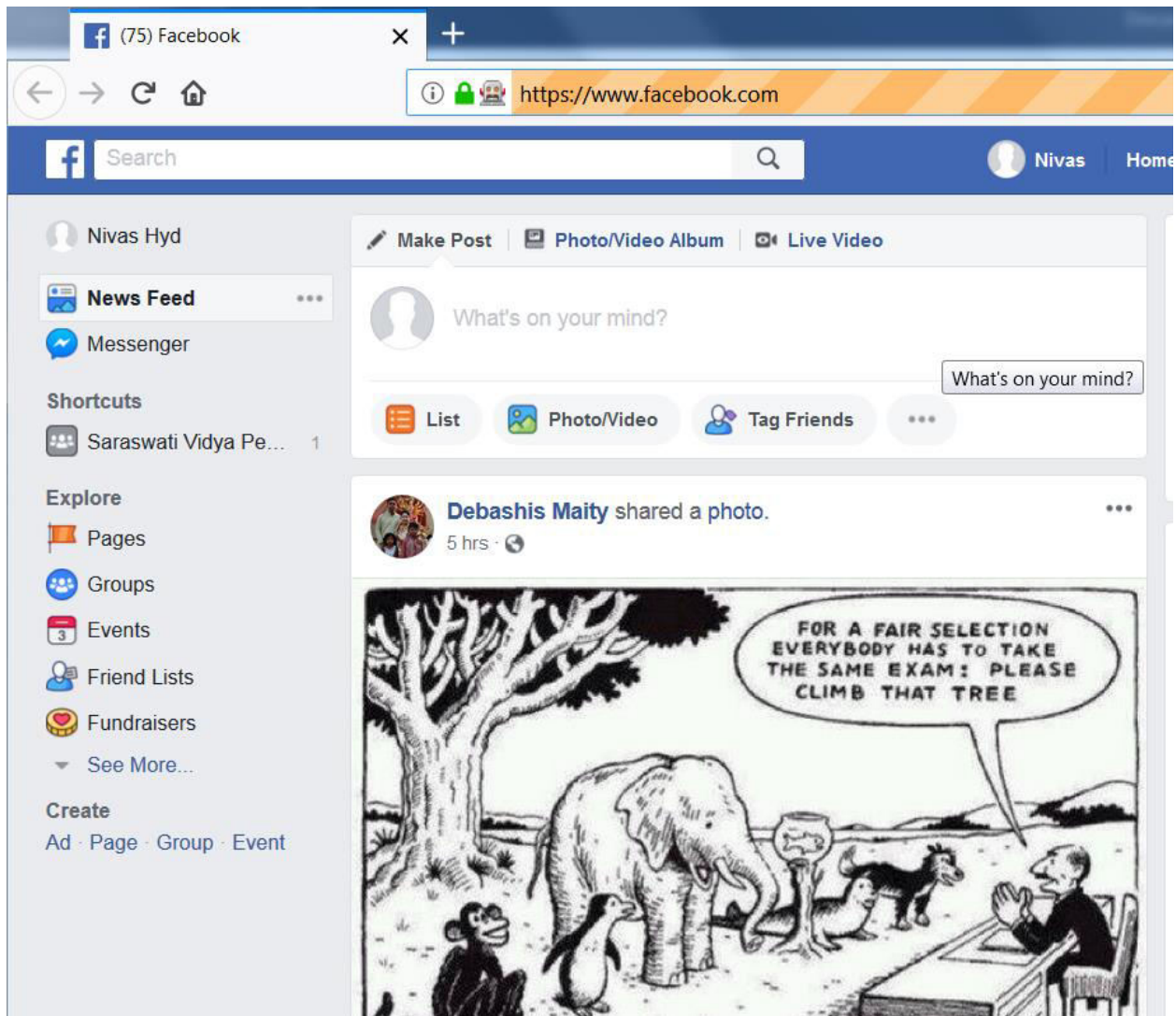
        // Locating and clicking Login button
        WebElement login = driver.findElement(By.xpath("//input[@value='Log
In']"));
        login.click();

    }

} // End of program
```

Output:





Flow Information:

At first, web driver object is created to instantiate Firefox driver and get method is used to invoke the web url 'www.facebook.com'. The web application is launched with text boxes Email, Password and Login button. Using xpath locator with findElement method, the above three fields are located and referenced with WebElement object. The method sendKeys is used to enter the text values for email and password fields and click method is used to click on Login button. On clicking the login button the user is logged in successfully.