

## Problem Statement:

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

Write xpath for FirstName, SurName, Mobile Number, New Password, SignUp

**Source code:** SignUp.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 SignUp {

    // 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 First Name
        WebElement firstName =
            driver.findElement(By.xpath("//input[@id='u_0_j']"));
        firstName.sendKeys("Srinivas");

        // Locating the text box for Last Name
        WebElement lastName =
            driver.findElement(By.xpath("//*[contains(@id,'u_0_l')]"));
        lastName.sendKeys("Thatikonda");

        // Locating the text box mobile or email-address
        WebElement mobileEmail = driver.findElement(By.xpath("//*[starts-
            with(@id,'u_0_o')]"));
        mobileEmail.sendKeys("srinivas.nirmal@gmail.com");

        // To locate re enter email address text box
        WebElement reEmail = driver.findElement(By.xpath("//*[@id='u_0_r' or
            @name='reg_email_confirmation__']"));
        reEmail.sendKeys("srinivas.nirmal@gmail.com");

        // To locate New password text box
        WebElement newPassword =
            driver.findElement(By.xpath("//input[@id='u_0_v']"));
        newPassword.sendKeys("welcome123");

        // To locate signup button and click on it
```

```

WebElement signUp = driver.findElement(By.xpath("//*[text()='Sign
Up']"));
signUp.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 elements first name, last name, mobile or email, New Password, re enter email address, new password and signup button. Using different variations of xpath locator with findElement method, all the elements are located and sendKeys method is used to enter the text in text box elements. Click method is used to click on signup button.