

## 1. Problem Statement:

### Task

- Please try to configure Chrome Browser and navigate to <https://www.jcpenny.com/>
- Search for shirts and add the first item in the search list to cart
- Move till checkout and you can stop when it ask for login.

### 1.1 Source Code: file name – jcpenny.java

```
package seleniumpackage;

import java.util.concurrent.TimeUnit;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.Select;

public class jcpenny {

    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver",
        "./Drivers/chromedriver.exe");
        WebDriver driver=new ChromeDriver();
        /*System.setProperty("webdriver.gecko.driver",
        "./Drivers/geckodriver.exe");
        WebDriver driver = new FirefoxDriver();*/
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        JavascriptExecutor js=(JavascriptExecutor) driver;

        //loading the "https://jcpenney.com" to the driver
        driver.navigate().to("https://jcpenney.com");

        //passing the element for continuing to the main page
        WebElement
        continueEle=driver.findElement(By.xpath("//button[text()='Continue
        Shopping']"));
        continueEle.click();

        //passing the Search textbox as an element
        WebElement
        searchTxtEle=driver.findElement(By.xpath("//input[@id='searchTerm']"));
        js.executeScript("arguments[0].click()", searchTxtEle);

        //passing the input to the search textbox
        searchTxtEle.sendKeys("shirts");

        //clicking on search
```

```

        WebElement
searchButEle=driver.findElement(By.xpath("//button[@title='search']"));
js.executeScript("arguments[0].click()", searchButEle);

        //selecting the first shirt
        WebElement
shirtSelEle=driver.findElement(By.xpath("(//img[contains(@class,'pro')])[1]"));
;
shirtSelEle.click();

        //scrolling down
js.executeScript("window.scrollBy(0,500)");

        //adding selected item to the bag
        WebElement
addEle=driver.findElement(By.xpath("//button[@name='add to bag']"));
addEle.click();

        //When click on Add to bag, this will ask to select size and
color of the shirt
        //selecting the size

        WebElement
sizeSelEle=driver.findElement(By.xpath("//select[@id='SIZE']"));
Select sizeSel=new Select(sizeSelEle);
sizeSel.selectByIndex(1);

        //selecting color of the shirt
        WebElement
colorSelEle=driver.findElement(By.xpath("//*[@id='COLOR']/li[1]/img"));
colorSelEle.click();

        //After selecting now click on Add to bag
        WebElement
addEleFinal=driver.findElement(By.xpath("//button[@name='add to bag']"));
addEleFinal.click();

        //this will go to frame. We need to switch to frame from the
driver in order to proceed to checkout.
        driver.switchTo().frame("modalIframe");

        //clicking on checkout
        WebElement
checkEle=driver.findElement(By.xpath("//input[@id='btncheckout']"));
checkEle.click();

        //Switching back to the window from frame
        driver.switchTo().defaultContent();

        //clicking on final checkout
        WebElement
checkoutEle=driver.findElement(By.xpath("//input[@id='Checkout'][1]"));
checkoutEle.click();

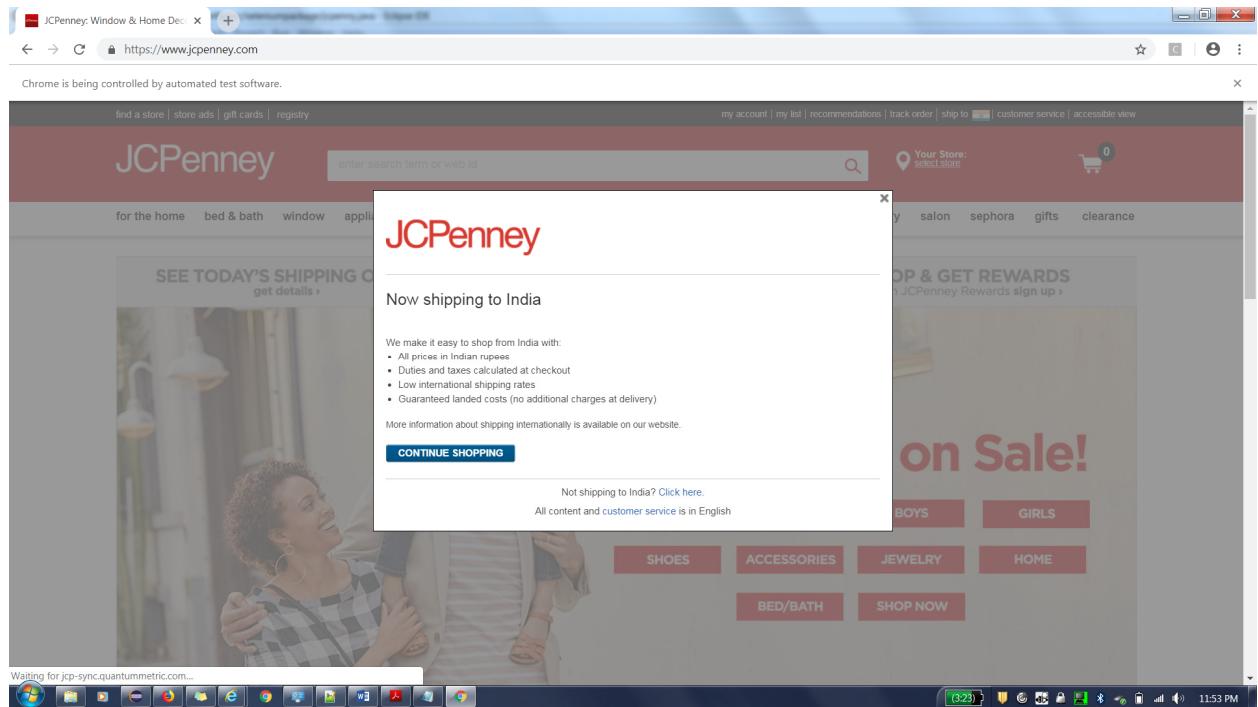
```

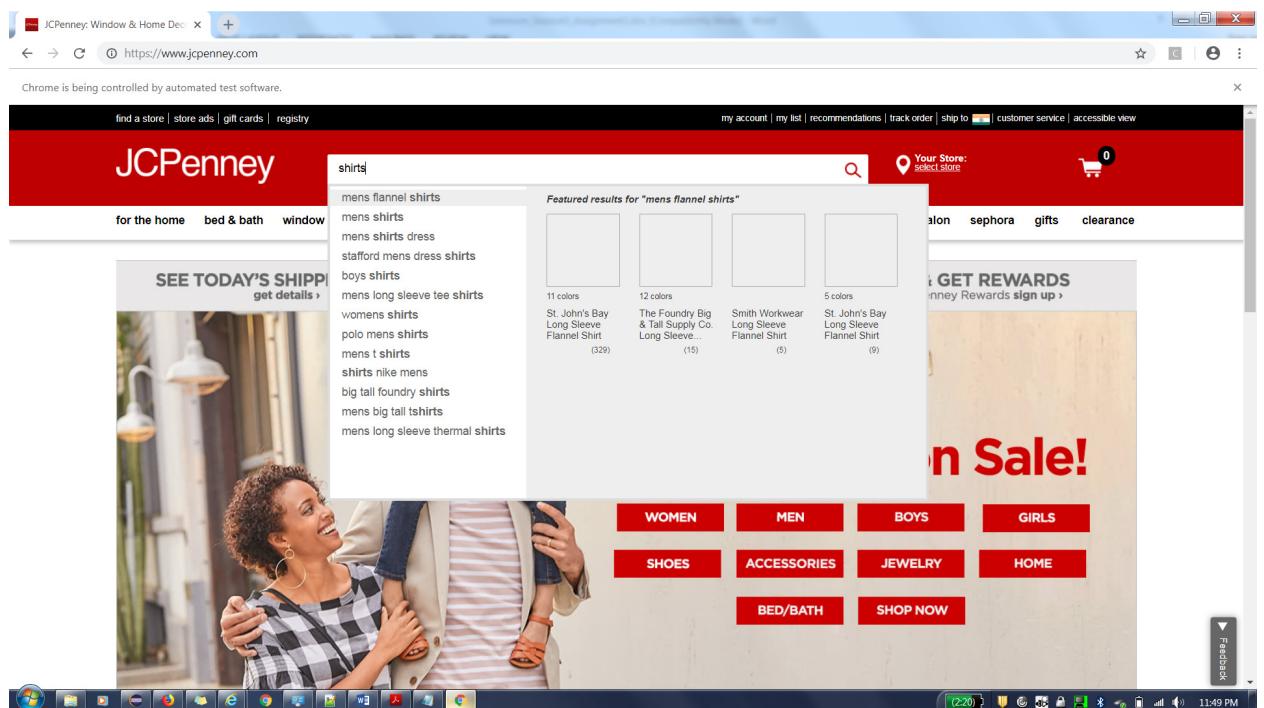
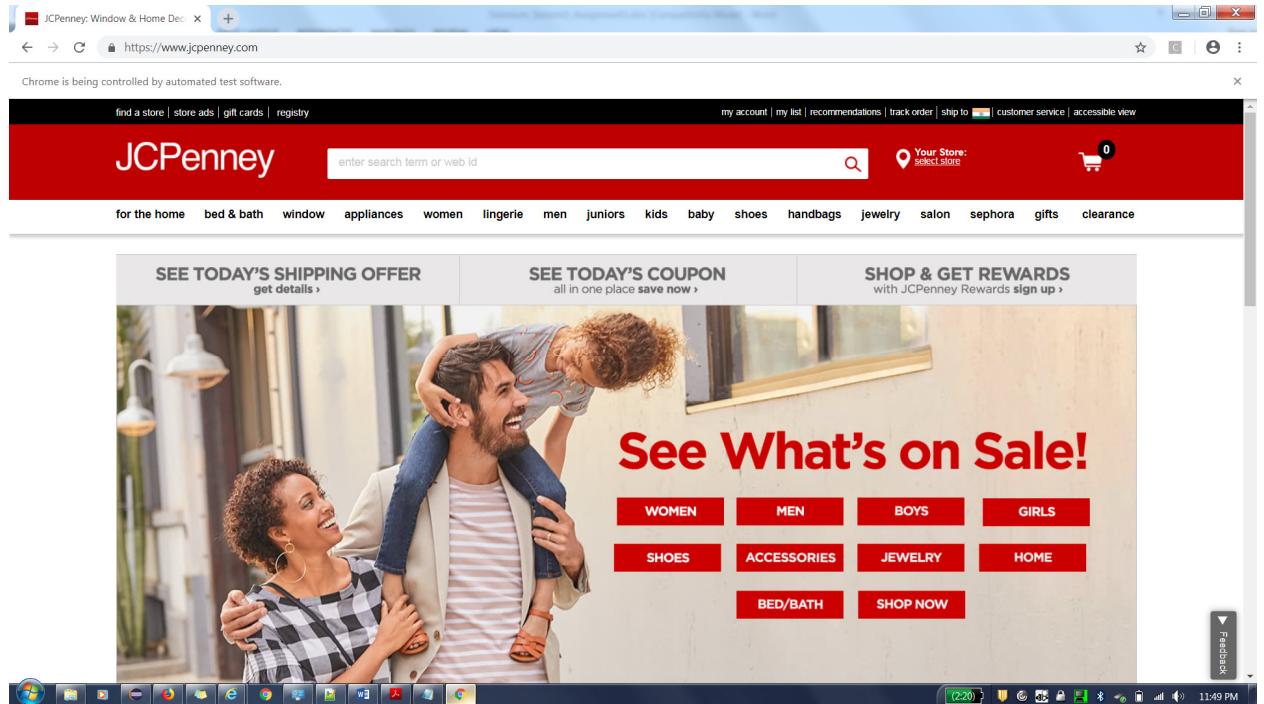
//after clicking on the final checkout, this will ask for login ID and Password.

}

}

## 1.2 Output Screenshots:





JCPenney https://www.jcpenney.com/s/shirts?Ntt=shirts

Chrome is being controlled by automated test software.

find a store | store ads | gift cards | registry my account | my list | recommendations | track order | ship to customer service | accessible view

JCPenney shirts Your Store: select store 0

for the home bed & bath window appliances women lingerie men juniors kids baby shoes handbags jewelry salon sephora gifts clearance

FREE SHIPPING ANYWHERE OVER \$49 GET DETAILS friends & family SALE IN STORE & ONLINE • ENDS 12/4 • CODE: FAMILY EXTRA 30% OFF\* WITH YOUR JCPENNEY CREDIT CARD EXTRA 25% OFF\* WITH ANY OTHER METHOD OF PAYMENT

CREDIT OFFER SUBJECT TO CREDIT APPROVAL, EXCLUSIONS & DETAILS.

12174 RESULTS for "shirts"

narrow by related searches: womens shirts mens shirts dress mens shirts sweater womens hoodies jeans nike iliz clairborne tops

STORE AVAILABILITY sort by: best match showing items: 1-24 of 12174 items per page: 24 | 72 1 2 3 4 5 ... 508 >

online only(6247)  
 same day pickup(3809)

GENDER  mens(3816)  women(3792)  boys(1767)  girls(1410)  unisex(50)

ITEM TYPE  graphic t-shirts(3059)  t-shirts(2393)



Waiting for api.bluecore.com... Stafford Travel Easy-Care Stretch https://www.jcpenney.com/p/stafford-travel-easy-care-stretch-broadcloth-long-sleeve-broadcloth-dress-shirt/prp5007585507?pTmpType=regular&catId=SearchResults&searchTerm=shirts&badge... ☆

Chrome is being controlled by automated test software.

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JCPenney shirts Your Store: select store 0

for the home bed & bath window appliances women lingerie men juniors kids baby shoes handbags jewelry salon sephora gifts clearance

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CREDIT OFFER SUBJECT TO CREDIT APPROVAL, EXCLUSIONS & DETAILS.

jcpenney back to search results

Stafford Travel Easy-Care Stretch Broadcloth Long Sleeve Broadcloth Dress Shirt Share: Email Facebook Twitter Pinterest



INR 1245 SALE original INR 2491 | 50% off

SIZE RANGE regular select a size

COLOR 

Stafford Travel Easy-Care Stretch

https://www.jcpenney.com/p/stafford-travel-easy-care-stretch-broadcloth-long-sleeve-broadcloth-dress-shirt/prp5007585507?pTmpType=regular&catId=SearchResults&searchTerm=shirts&badge...

Chrome is being controlled by automated test software.

**SIZE RANGE**  
regular  **SIZE**  
select a size  **OVERALL FIT**  
runs small  runs large

**COLOR**

Select your options to see availability

**QUANTITY**  
1

**ADD TO BAG**

[Product Description](#) [Product Specifications](#) [Questions & Answers](#) [Customer Reviews](#)

YOU MAY ALSO LIKE

11:49 PM

Stafford Travel Easy-Care Stretch

https://www.jcpenney.com/p/stafford-travel-easy-care-stretch-broadcloth-long-sleeve-broadcloth-dress-shirt/prp5007585507?pTmpType=regular&catId=SearchResults&searchTerm=shirts&badge...

Chrome is being controlled by automated test software.

**Don't forget to select a SIZE**

**Don't forget to select a COLOR**

**SIZE RANGE**  
regular  **SIZE**  
select a size  **OVERALL FIT**  
runs small  runs large

**COLOR**

Select your options to see availability

**QUANTITY**  
1

Select options before proceeding **ADD TO BAG**

[Product Description](#) [Product Specifications](#) [Questions & Answers](#) [Customer Reviews](#)

YOU MAY ALSO LIKE

11:50 PM

Stafford Travel Easy-Care Stretch

https://www.jcpenney.com/p/stafford-travel-easy-care-stretch-broadcloth-long-sleeve-broadcloth-dress-shirt/prp5007585507?tmpType=regular&catId=SearchResults&searchTerm=shirts&badge...

Chrome is being controlled by automated test software.

Product Description    Product Specifications    Questions & Answers    Customer Reviews

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Stafford Travel Easy-Care Stretch

https://www.jcpenney.com/p/stafford-travel-easy-care-stretch-broadcloth-long-sleeve-broadcloth-dress-shirt/prp5007585507?tmpType=regular&catId=SearchResults&searchTerm=shirts&badge...

Chrome is being controlled by automated test software.

items added to your bag

Stafford Travel Easy-Care Stretch Broadcloth Long Sleeve Broadcloth Dress

Shirt

product: Travel Easy Care Stretch Bc Reg  
sleeve: 32-33  
neck size: 14.5  
color: Blooming Blue  
size: 14.5 / 32-33  
status: in stock  
quantity: 1

original INR 2491.00  
**sale INR 1245.00**  
**item total (1) INR 1245.00**

Total item discounts  
**INR 1246.00**

ORDER SUBTOTAL (1) INR 1245.00

CONTINUE SHOPPING    CHECKOUT

Spend \$31.01 more to qualify for Free Shipping to home.

OVERALL FIT

COLOR Blooming Blue

Feedback

The screenshot shows the JCPenney website's shopping cart page. At the top, there's a red header with the JCPenney logo and a search bar. Below the header, a navigation bar includes links for 'find a store', 'store ads', 'gift cards', and 'registry'. A shopping cart icon with a '1' indicates one item in the cart. The main content area displays a product item: 'Stafford Travel Easy-Care Stretch Broadcloth Long Sleeve Broadcloth Dress Shirt'. The item has an image, a detailed description with dimensions (Sleeve: 32-33, Neck Size: 14.5), and pricing information (original price: 2491.00, sale price: 1245.00, item total: 1245.00). To the right of the item details is a 'coupons & rewards' sidebar with fields for entering a coupon code and a 'VIEW COUPONS' button. Below this is a 'pricing summary' section showing merchandise subtotal (INR 1245.00) and order subtotal (INR 1245.00). A note at the bottom right says 'Continue to Checkout to view shipping costs and final order total.'

The screenshot shows the JCPenney sign-in page. The top features the JCPenney logo and a shopping cart icon with a '1'. Below the logo, there are two main sections: 'returning customers' and 'new + guest customers'. The 'returning customers' section contains fields for 'email' and 'password', a 'remember me' checkbox, and links for 'forgot your password?' and 'SIGN IN'. The 'new + guest customers' section contains a link 'CONTINUE AS GUEST'.



## 2. Problem Statement:

### Task

- Please launch <https://www.facebook.com/>
- Write xpath for FirstName, SurName, Mobile Number, New Password, Sign Up

### 2.1 Source Code: file name – facebookSignUp.java

```
package seleniumpackage;
```

```

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import org.openqa.selenium.support.ui.Select;

public class facebookSignUp {

    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver","./Drivers/chromedriver.exe");
        WebDriver driver=new ChromeDriver();
        ChromeOptions opt=new ChromeOptions();
        opt.addArguments("-disable-notifications");
        driver.navigate().to("https://facebook.com");
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        //xpath for FIRSTNAME
        WebElement firstNameEle =
        driver.findElement(By.xpath("//*[@id='u_0_j']"));
        firstNameEle.sendKeys("Gowtham");

        //xpath for SURNAME
        WebElement surNameEle=driver.findElement(By.xpath("//*[@id='u_0_l']"));
        surNameEle.sendKeys("Reddy");

        //xpath for Mobile Number
        WebElement mobileEle=driver.findElement(By.xpath("//*[@id='u_0_o']"));
        mobileEle.sendKeys("9966234500");

        //xpath for New Password
        WebElement passwordEle=driver.findElement(By.xpath("//*[@id='u_0_v']"));
        passwordEle.sendKeys("Welcome123");

        //xpath for selecting Day
        WebElement selDayEle=driver.findElement(By.xpath("//*[@id='day']"));
        selDayEle.click();
        Select day=new Select(selDayEle);
        day.selectByVisibleText("24");

        //xpath for selecting Month
        WebElement selMonthEle=driver.findElement(By.xpath("//*[@id='month']"));
        selMonthEle.click();
    }
}

```

```

Select month=new Select(selMonthEle);
month.selectByVisibleText("Oct");

//xpath for selecting Year
WebElement
selYearEle=driver.findElement(By.xpath("//*[@id='year']"));
selYearEle.click();
Select year=new Select(selYearEle);
year.selectByVisibleText("1995");
selYearEle.click();

//xpath for selecting Gender
WebElement
selMaleEle=driver.findElement(By.xpath("//*[@id='u_0_a']"));
selMaleEle.click();

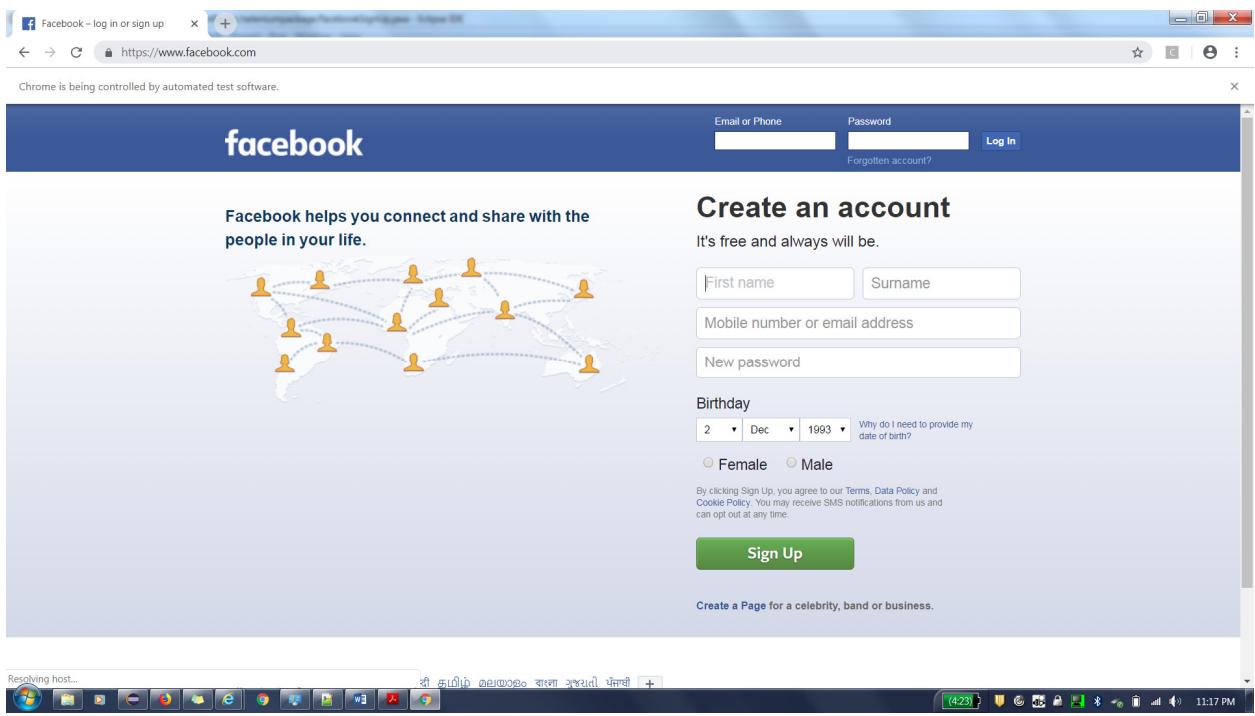
//xpath for SignUp
WebElement
signUpEle=driver.findElement(By.xpath("//*[@id='u_0_11']"));
//signUpEle.click();

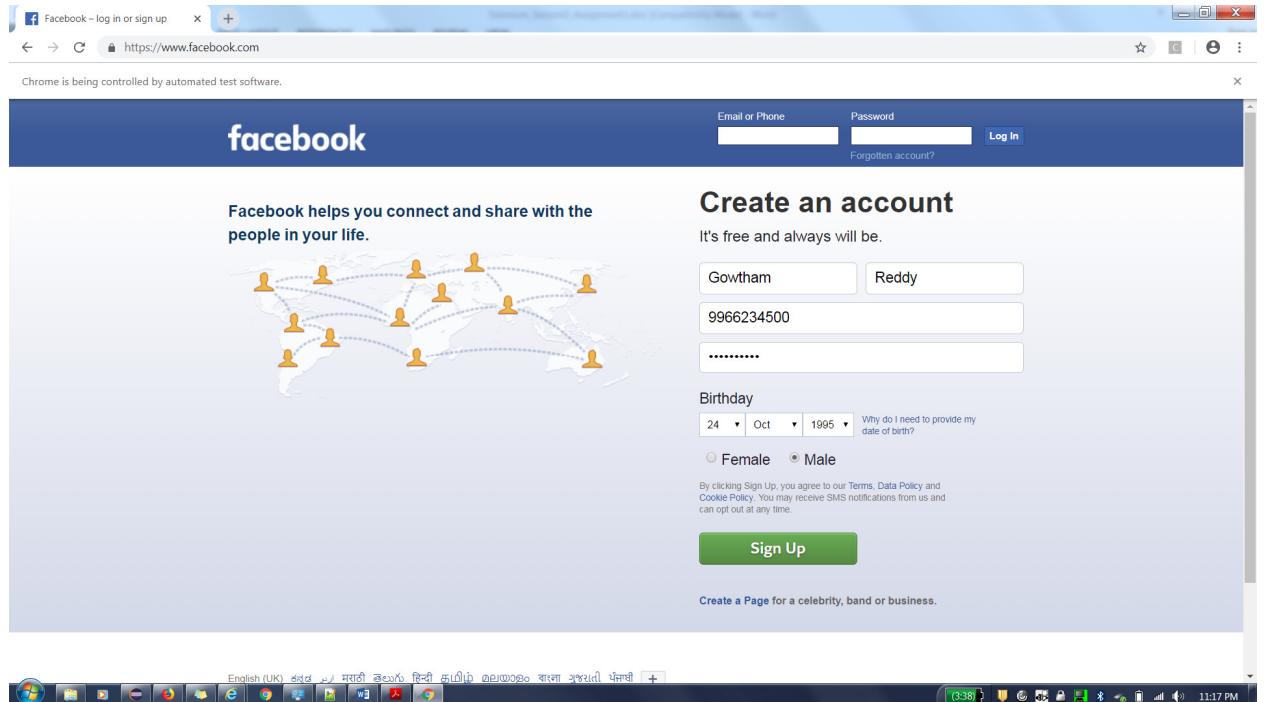
}

}

```

## 2.2 Output Screenshots:





### 3. Problem Statement:

#### Task

- Please launch <https://www.facebook.com/>
- Enter Email and Password and click on Login

#### 3.1 Source Code: file name – facebookLoginPage.java

```
package seleniumpackage;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.chrome.ChromeOptions;

public class facebookLoginPage {

    public static void main(String[] args) throws InterruptedException {
        System.setProperty("webdriver.chrome.driver","./Drivers/chromedriver.exe");
        WebDriver driver=new ChromeDriver();
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        ChromeOptions opt=new ChromeOptions();
        opt.addArguments("-disable-notifications");
        driver.navigate().to("https://facebook.com");
    }
}
```

```

//xpath for email
WebElement
emailEle=driver.findElement(By.xpath("//*[@id='email']"));
emailEle.sendKeys("abc@gmail.com");

//xpath for password
WebElement pwdEle =
driver.findElement(By.xpath("//*[@id='pass']"));
pwdEle.sendKeys("Welcome123");

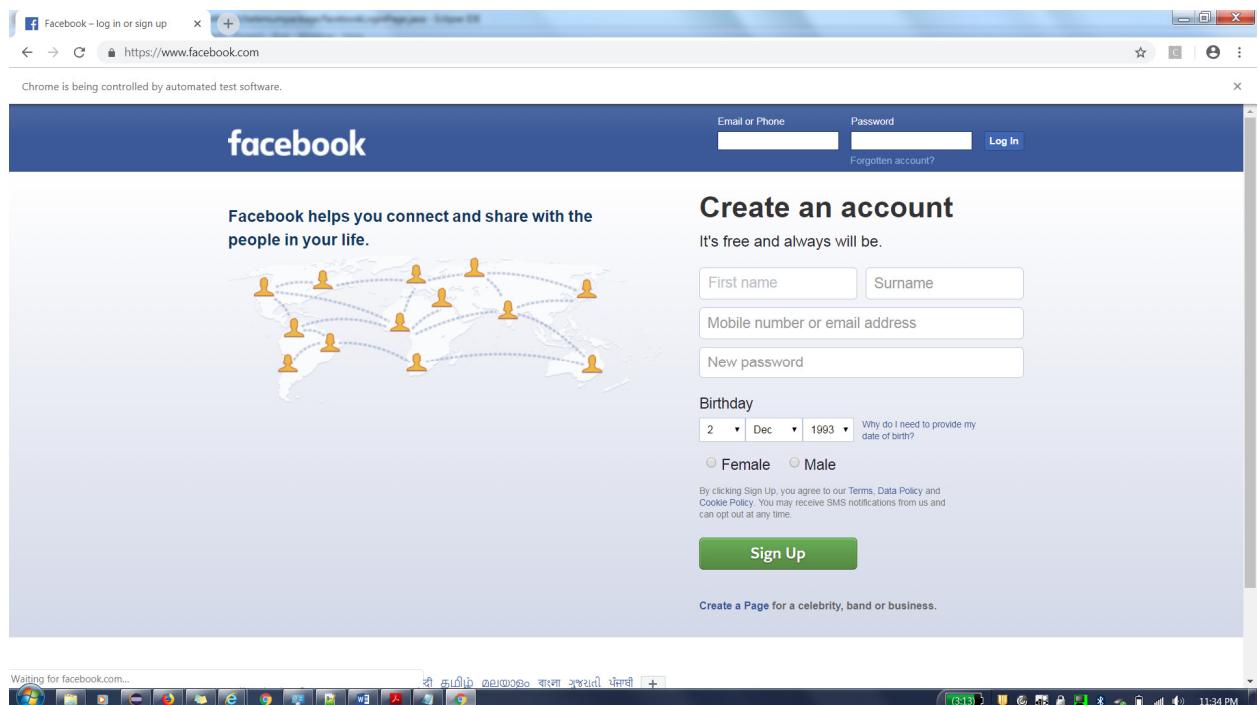
//xpath for Login
WebElement loginEle =
driver.findElement(By.xpath("//*[@value='Log In']"));
//loginEle.click();

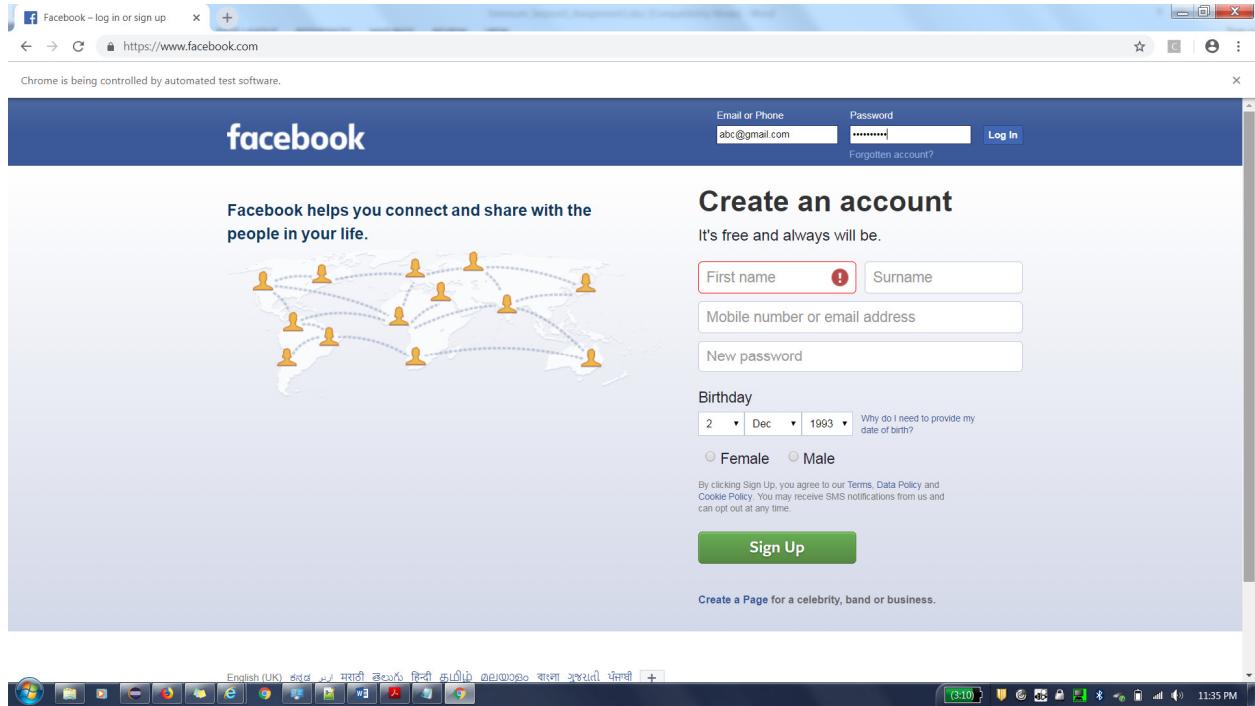
}

}

```

### 3.2 Output Screenshots:





**\*\*END OF DOCUMENT\*\***