

Task 1-

Please try to configure Chrome Browser and navigate to <https://www.jcpenney.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.

Program in eclipse:-

```
package myPackage;

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.support.ui.Select;

public class JcpenneyShirts {

    public static void main(String[] args) throws InterruptedException {

        WebDriver driver=new ChromeDriver();
        //Launch browser with URL
        driver.navigate().to("https://www.jcpenney.com/");

        //Maximize browser and synchronization time
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

        //Clicking on continue shopping in pop-up
        WebElement
        continueShopEle=driver.findElement(By.xpath("//*[@text()='Continue Shopping']"));

        continueShopEle.click();

        //Select search field and enter shirts in to it
        WebElement
        searchItemEle=driver.findElement(By.xpath("//input[@id='searchTerm']"));
        searchItemEle.click();
        searchItemEle.sendKeys("shirts");

        //click on search for shirts
        WebElement
        searchButtonEle=driver.findElement(By.xpath("//button[@title='search']"));
        searchButtonEle.click();

        //Select required shirt from search results
        WebElement
        selectShirt=driver.findElement(By.xpath("(//img[@class='productDisplay_image--default'])[2]"));
        selectShirt.click();
```

```

        //select shirt size range which is suitable
        WebElement
selectRange=driver.findElement(By.xpath("//*[@id='SIZE_RANGE']"));

        Select select=new Select(selectRange);

        select.selectByValue("24"); //selecting size range

        //Select required shirt size in length
        WebElement selectSize=driver.findElement(By.xpath("//*[@id='SIZE']"));

        Select select1=new Select(selectSize);

        select1.selectByValue("18"); //selecting shirt size

        //selecting shirt color
        WebElement
selectColour=driver.findElement(By.xpath("//img[@title='White']"));

        selectColour.click();

        //Adding shirt into cart/bag
        WebElement addTobag=driver.findElement(By.xpath("//button[@name='add to
bag']"));
        addTobag.click();

        Thread.sleep(3000);

        //Switching into frame to click on checkout
        WebElement
frameSelEle=driver.findElement(By.xpath("//iframe[@name='modalIframe']"));

        driver.switchTo().frame(frameSelEle);

        //select check out for order
        WebElement
btnCheckout=driver.findElement(By.xpath("//input[@title='checkout']"));
        btnCheckout.click();

        //Switching back to default content from frame
        driver.switchTo().defaultContent();

        //Selecting quantity and final checkout of order
        WebElement
cheCkbutt=driver.findElement(By.xpath("(//input[@value='CHECKOUT'])[1]"));
        cheCkbutt.click();

        //Verifying final login page to display
        if(driver.getTitle().equals("JCPenney | Login"))
        {
            System.out.println("Test Case Pass");
            System.out.println("Title of the page: "+driver.getTitle());
        }
        else
        {

```

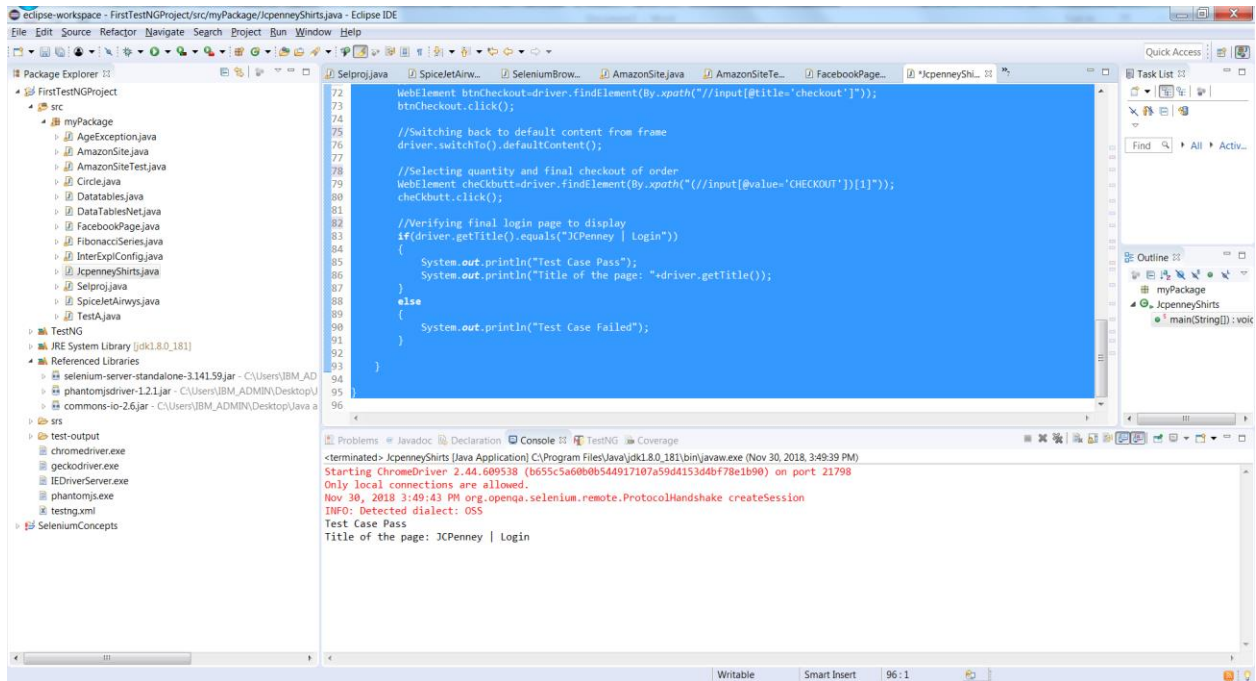
```

        System.out.println("Test Case Failed");
    }

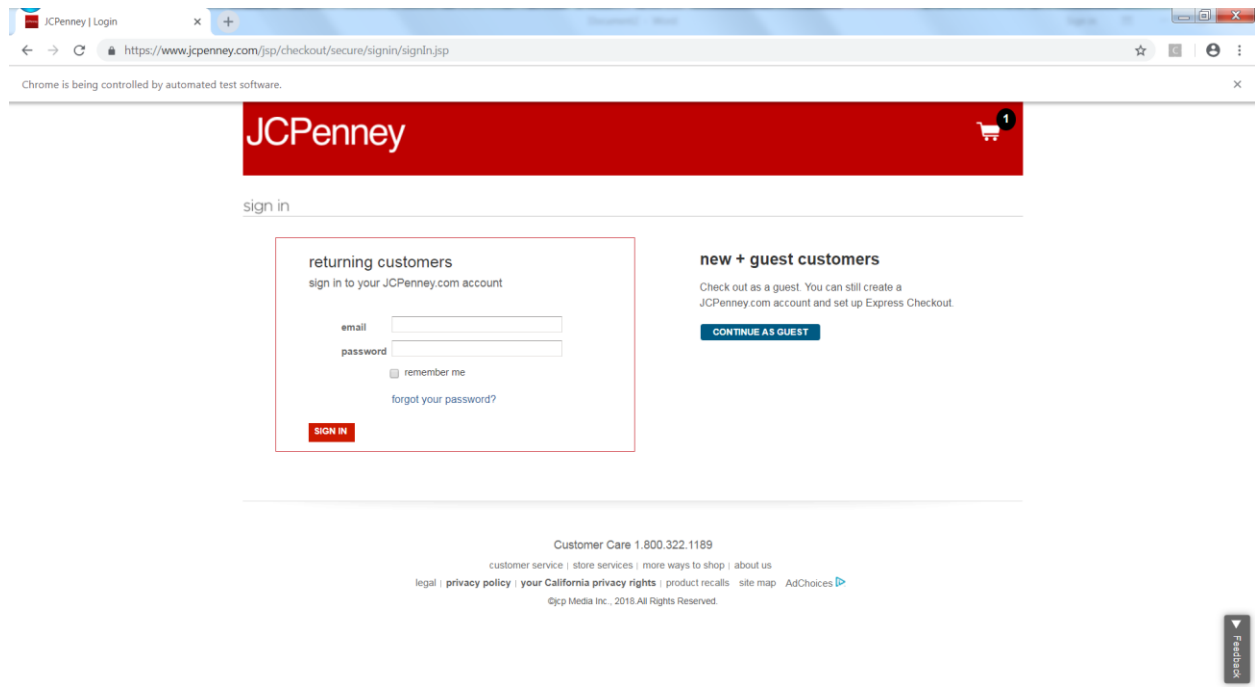
}
}

```

Output of the above program –



Screen shot of last step from browser



Task 2:-

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

- Write xpath for FirstName, SurName, Mobile Number, New Password, Sign Up

Program from eclipse:-

```
package myPackage;
```

```
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 FacebookPage {
```

```
    public static void main(String[] args) throws InterruptedException {
```

```
//For handle notifications in facebook page
ChromeOptions opt=new ChromeOptions();
opt.addArguments("-disable-notifications");

WebDriver driver=new ChromeDriver(opt);

//Launch facebook page
driver.navigate().to("https://www.facebook.com/");

//Maximize browser and synchronization
driver.manage().window().maximize();
driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);

//Enter firstname into firstname field
WebElement
firstNameEle=driver.findElement(By.xpath("//input[@name='firstname']"));
firstNameEle.sendKeys("Ganesh");

//Enter lastname into lastname field
WebElement lastNameEle=driver.findElement(By.xpath("//input[@name='lastname']"));
lastNameEle.sendKeys("Enagundula");

//Enter Email address into email field
WebElement
emailIdEle=driver.findElement(By.xpath("//input[@name='reg_email__']"));
emailIdEle.sendKeys("phoenix.insuranceone@gmail.com");

//ReEnter Email address into email field
WebElement
emailIdConEle=driver.findElement(By.xpath("//input[@name='reg_email_confirmation__']"));
```

```
emailidConEle.sendKeys("phoenix.insuranceone@gmail.com");
```

```
//Enter password into password field
```

```
WebElement
```

```
passWordEle=driver.findElement(By.xpath("//input[@type='password']"));
```

```
passWordEle.sendKeys("DevilHome@99");
```

```
//Selecting birthday day from drop down
```

```
WebElement birthDay=driver.findElement(By.xpath("//*[@name='birthday_day']"));
```

```
Select select=new Select(birthDay);
```

```
select.selectByValue("31"); // Selecting day from drop down
```

```
//Selecting birth month from drop down
```

```
WebElement
```

```
birthdayMonth=driver.findElement(By.xpath("//*[@name='birthday_month']"));
```

```
Select select1=new Select(birthdayMonth);
```

```
select1.selectByValue("3"); //Selecting birth month from drop down
```

```
//Selecting birthday year from drop down
```

```
WebElement
```

```
birthdayYear=driver.findElement(By.xpath("//*[@name='birthday_year']"));
```

```
Select select2=new Select(birthdayYear);
```

```
select2.selectByValue("1991");//selected birthday year from drop down
```

```
//Selecting gender
```

```
WebElement genDerEle=driver.findElement(By.xpath("//*[@name='sex']][2]"));

genDerEle.click();
```

```
//performing click on sighup button
```

```
WebElement signUpEle=driver.findElement(By.xpath("//button[@type='submit']][1]"));

signUpEle.click();
```

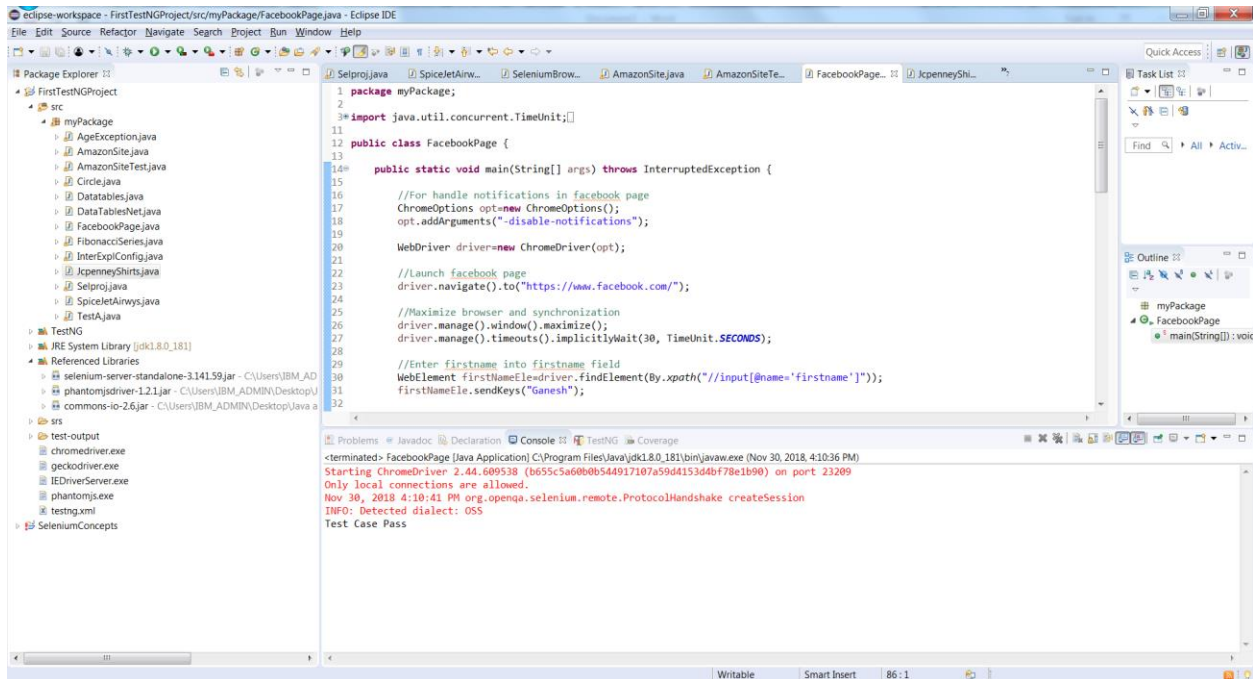
```
//If all above steps performed then print below message to confirm this test case is pass
```

```
System.out.println("Test Case Pass");
```

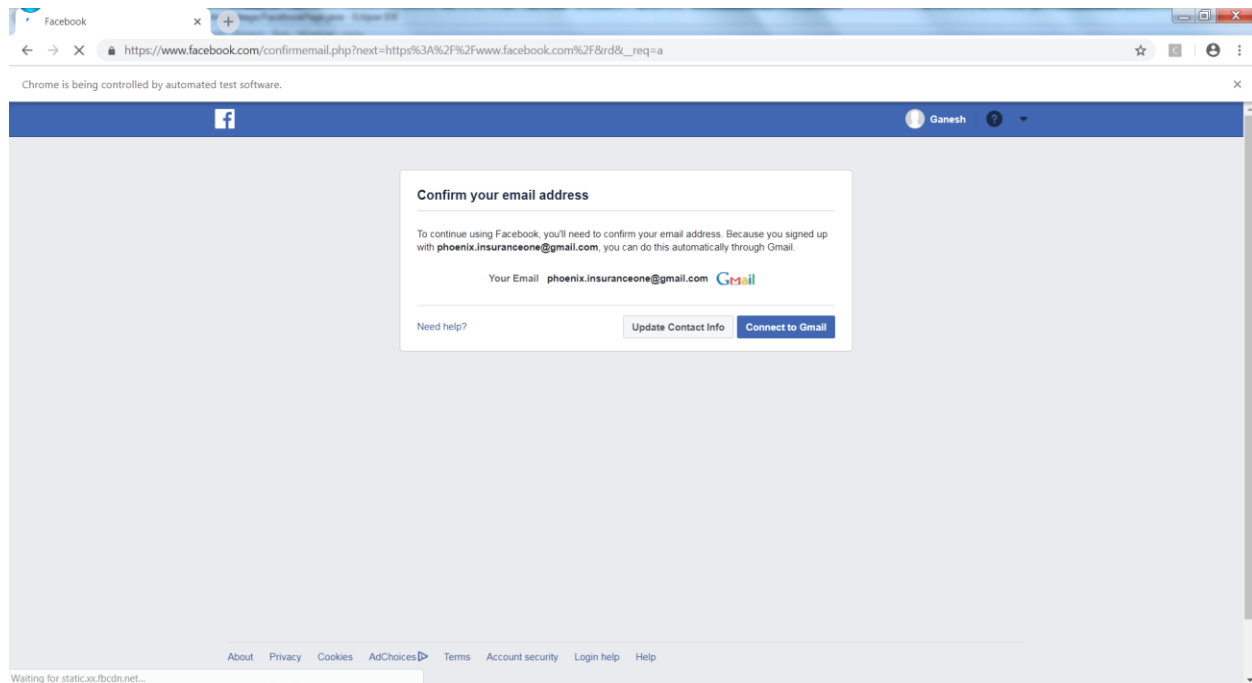
```
}
```

```
}
```

Output of the above program:-



Screen shot of the GUI



Task 3:-

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

Program from eclipse:-

```
package myPackage;

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;

public class LaunchFacebook {

    public static void main(String[] args) {
        WebDriver driver=new ChromeDriver();

        //Launch facebook page
        driver.navigate().to("https://www.facebook.com/");

        //Maximize browser and synchronization
        driver.manage().window().maximize();
        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
```



```

        //Entering email address in email field
        WebElement
emailEle=driver.findElement(By.xpath("//input[@id='email']"));
        emailEle.sendKeys("phoenix.insuranceone@gmail.com");

        //Entering password in password field
        WebElement passEle=driver.findElement(By.xpath("//input[@id='pass']"));
        passEle.sendKeys("DevilHome@99");

        //Click on login page
        WebElement loginEle=driver.findElement(By.xpath("//input[@value='Log
In']"));
        loginEle.click();

        //If all above steps performed then print below message to confirm this
test case is pass
        System.out.println("Test Case Pass");
    }
}

```

Output from eclipse console:-

