

```

package com.saucedemo.saucedemo;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;

public class LandingPage {

    @FindBy(id = "user-name")
    private WebElement username;

    @FindBy(id = "password")
    private WebElement password;

    @FindBy(id = "login-button")
    private WebElement loginbtn;

    public LandingPage(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void UserName() {
        username.sendKeys("standard_user");
    }

    public void Pass() {
        password.sendKeys("secret_sauce");
    }

    public void Loginbtn() {
        loginbtn.click();
    }

}

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public class AllProducts {

    @FindBy(id = "add-to-cart-sauce-labs-backpack")
    private WebElement firstProduct;

    @FindBy(id = "shopping_cart_container")
    private WebElement cart;

    public AllProducts(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void AddToCart() {
        firstProduct.click();
    }

}

```

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        public void Cart() {
            cart.click();
        }
    }
}

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```

public class Cart {

    @FindBy(id = "checkout")
    private WebElement checkOut;

    public Cart(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void Chkout() {
        checkOut.click();
    }
}

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```

public class CheckOut {

    @FindBy(id = "first-name")
    private WebElement fname;

    @FindBy(id = "last-name")
    private WebElement lname;

    @FindBy(id = "postal-code")
    private WebElement pcode;

    @FindBy(id = "continue")
    private WebElement Continue;

    public CheckOut(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void Fname() {
        fname.sendKeys("Satya");
    }

    public void Lname() {

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        lname.sendKeys("Ranjan");
    }

    public void Pcode() {
        pcode.sendKeys("751010");
    }

    public void clickContinue() {
        Continue.click();
    }
}

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```

```

public class Overview {

    @FindBy(id = "finish")
    private WebElement finish;

    public Overview(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public void Finish() {
        finish.click();
    }

}

```

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```

```

public class VerifyOrder {

    @FindBy(xpath = "//h2[contains(@class,'complete-header')]")
    private WebElement orderText;

    public VerifyOrder(WebDriver driver) {
        PageFactory.initElements(driver, this);
    }

    public String Ordertext() {
        return orderText.getText();
    }

}

```

```

package com.saucedemo.saucedemo;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;

public class BaseTest {

    WebDriver driver;
    @BeforeTest
    public void lunchApp() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.saucedemo.com/");
    }

    @AfterTest
    public void closeBrowser() {
        driver.quit();
    }
}

```

```

package com.saucedemo.saucedemo;

import static org.testng.Assert.assertEquals;

import org.testng.annotations.Test;

public class OrderAndVerify extends BaseTest{

    @Test

    public void Order() {
        LandingPage landingpage = new LandingPage(driver);
        landingpage.UserName();
        landingpage.Pass();
        landingpage.Loginbtn();

        AllProducts allproducts = new AllProducts(driver);
        allproducts.AddToCart();
        allproducts.Cart();

        Cart cart = new Cart(driver);
        cart.Chkout();

        CheckOut chkinfo = new CheckOut(driver);
        chkinfo.Fname();
        chkinfo.Lname();
        chkinfo.Pcode();
        chkinfo.clickContinue();

        Overview overview = new Overview(driver);
        overview.Finish();

        VerifyOrder verifyorder = new VerifyOrder(driver);
    }
}

```

```
String Actual = verifyorder.Ordertxt();  
String Expected = "Thank you for your order!";  
assertEquals(Actual, Expected);  
}  
}
```