

Site using: <https://www.saucedemo.com/>

### Task 1 – Login Test

- **Steps:**
  1. Open browser and navigate to the site.
  2. Click on **Sign in**.
  3. Enter valid email and password.
  4. Click **Sign in** button.
  5. Verify the **My Account** page is displayed.
- **Expected Result:** User should successfully log in and see their account dashboard.

```
package Assignment_Day19;

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

public class Task1 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        WebDriver driver=new ChromeDriver();
        driver.get("https://www.saucedemo.com/");
        System.out.println("Welocme to Login Page");

        WebElement username=driver.findElement(By.id("user-name"));
        username.sendKeys("standard_user");

        WebElement pswd=driver.findElement(By.id("password"));
        pswd.sendKeys("secret_sauce");

        driver.findElement(By.id("login-button")).click();

        String actualurl="https://www.saucedemo.com/";
        String expectedurl=driver.getCurrentUrl();
        if(expectedurl.equals(actualurl)) {
            System.out.println("Login Failed");
        }
    }
}
```

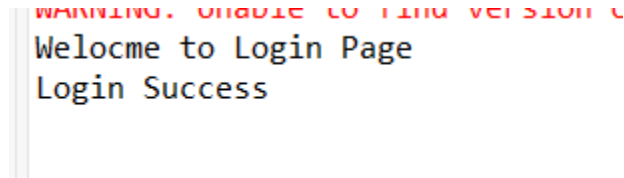
```

else {
System.out.println("Login Success");
}

driver.close();
}

}

```



## Task 2 – Product Search and Add to Cart

- **Steps:**
  1. Search for a product using the search bar (e.g., "dress").
  2. Select the first product from search results.
  3. Add it to the cart.
  4. Verify that the success popup/cart message is displayed.
- **Expected Result:** The product is added to the cart and confirmation message appears.

```

package Assignment_Day19;

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 Task2 {

    public static void main(String[] args) throws InterruptedException {
        WebDriver driver=new ChromeDriver();
        driver.get("https://www.saucedemo.com/");
        System.out.println("Welocme to Login Page");
    }
}

```

```
WebElement username=driver.findElement(By.id("user-name"));
username.sendKeys("standard_user");
```

```
WebElement pswd=driver.findElement(By.id("password"));
pswd.sendKeys("secret_sauce");
```

```
driver.findElement(By.id("login-button")).click();
```

```
String actualurl="https://www.saucedemo.com/";
String expectedurl=driver.getCurrentUrl();
if(expectedurl.equals(actualurl)) {
    System.out.println("Login Failed");
}
else {
    System.out.println("Login Success");
}
```

```
WebElement sort =
driver.findElement(By.xpath("//*[@id=\"header_container\"]/div[2]/div/span/select"));
Select sel = new Select(sort);
sel.selectByVisibleText("Name (Z to A)");
driver.findElement(By.id("add-to-cart-test.allthethings()-t-shirt-(red)")).click();
WebElement
num=driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a/span"));
int nu=Integer.parseInt(num.getText());
if(nu>0) {
    System.out.println("Item added successfully");
}
else {
    System.out.println("Item not added");
}
```

```
Thread.sleep(7000);
driver.close();
}
```

```
}
```

```
Welocme to Login Page  
Login Success  
Item added successfully
```

### Task 3 – Checkout Flow

- **Steps:**
  1. Open the shopping cart.
  2. Proceed to checkout.
  3. Fill in address details (if required).
  4. Select payment method.
  5. Complete the purchase.
  6. Verify the order confirmation page.
- **Expected Result:** Order confirmation page should display with order details.

```
package Assignment_Day19;  
  
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 Task3 {  
  
    public static void main(String[] args) throws InterruptedException {  
        // TODO Auto-generated method stub  
  
        WebDriver driver=new ChromeDriver();  
        driver.get("https://www.saucedemo.com/");  
        System.out.println("Welocme to Login Page");  
    }  
}
```

```
WebElement username=driver.findElement(By.id("user-name"));
username.sendKeys("standard_user");
```

```
WebElement pswd=driver.findElement(By.id("password"));
pswd.sendKeys("secret_sauce");
```

```
driver.findElement(By.id("login-button")).click();
```

```
String actualurl="https://www.saucedemo.com/";
String expectedurl=driver.getCurrentUrl();
if(expectedurl.equals(actualurl)) {
    System.out.println("Login Failed");
}
else {
    System.out.println("Login Success");
}
```

```
WebElement sort =
driver.findElement(By.xpath("//*[ @id=\"header_container\"]/div[2]/div/span/select"));
Select sel = new Select(sort);
sel.selectByVisibleText("Name (Z to A)");
driver.findElement(By.id("add-to-cart-test.allthethings()-t-shirt-(red)")).click();
WebElement
itemname=driver.findElement(By.xpath("//*[ @id=\"item_3_title_link\"]/div"));
String itm=itemname.getText();
WebElement
num=driver.findElement(By.xpath("//*[ @id=\"shopping_cart_container\"]/a/span"));
int nu=Integer.parseInt(num.getText());
if(nu>0) {
    System.out.println("Item added successfully");
}
else {
    System.out.println("Item not added");
}
```

```
driver.findElement(By.xpath("//*[ @id=\"shopping_cart_container\"]/a")).click();
```

```
driver.findElement(By.id("checkout")).click();
Thread.sleep(3000);
```

```

WebElement fname=driver.findElement(By.id("first-name"));
fname.sendKeys("K");
WebElement lname=driver.findElement(By.id("last-name"));
lname.sendKeys("Sai");
WebElement zcode=driver.findElement(By.id("postal-code"));
zcode.sendKeys("522601");

driver.findElement(By.id("continue")).click();

WebElement st=driver.findElement(By.className("inventory_item_name"));
String s=st.getText();
if(s.equals(itm)) {
    System.out.println("Verification Successful");
}
else {
    System.out.println("Verification unsuccessful");
}
driver.findElement(By.id("finish")).click();

Thread.sleep(7000);
driver.close();
}

}

```

```

Welocme to Login Page
Login Success
Item added successfully
Verification Successful

```

#### Task 4 – Logout Test

- **Steps:**
  1. Click **Sign out**.
  2. Verify that the login page is displayed again.
- **Expected Result:** User should be successfully logged out.

```
package Assignment_Day19;
```

```
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 Task4 {

    public static void main(String[] args) throws InterruptedException {
        WebDriver driver=new ChromeDriver();
        driver.get("https://www.saucedemo.com/");
        System.out.println("Welocme to Login Page");

        WebElement username=driver.findElement(By.id("user-name"));
        username.sendKeys("standard_user");

        WebElement pswd=driver.findElement(By.id("password"));
        pswd.sendKeys("secret_sauce");

        driver.findElement(By.id("login-button")).click();

        String actualurl="https://www.saucedemo.com/";
        String expectedurl=driver.getCurrentUrl();
        if(expectedurl.equals(actualurl)) {
            System.out.println("Login Failed");
        }
        else {
            System.out.println("Login Success");
        }

        WebElement sort =
driver.findElement(By.xpath("//*[ @id=\"header_container\"]/div[2]/div/span/select"));
        Select sel = new Select(sort);
        sel.selectByVisibleText("Name (Z to A)");
        driver.findElement(By.id("add-to-cart-test.allthethings()-t-shirt-(red)")).click();
        WebElement
itemname=driver.findElement(By.xpath("//*[ @id=\"item_3_title_link\"]/div"));
        String itm=itemname.getText();
        WebElement
num=driver.findElement(By.xpath("//*[ @id=\"shopping_cart_container\"]/a/span"));
        int nu=Integer.parseInt(num.getText());
        if(nu>0) {
            System.out.println("Item added successfully");
        }
    }
}

```

```

    }
    else {
        System.out.println("Item not added");
    }

    driver.findElement(By.xpath("//*[@id=\"shopping_cart_container\"]/a")).click();

    driver.findElement(By.id("checkout")).click();
    Thread.sleep(3000);

    WebElement fname=driver.findElement(By.id("first-name"));
    fname.sendKeys("K");
    WebElement lname=driver.findElement(By.id("last-name"));
    lname.sendKeys("Sai");
    WebElement zipcode=driver.findElement(By.id("postal-code"));
    zipcode.sendKeys("522601");

    driver.findElement(By.id("continue")).click();

    WebElement st=driver.findElement(By.className("inventory_item_name"));
    String s=st.getText();
    if(s.equals(itm)) {
        System.out.println("Verification Successful");
    }
    else {
        System.out.println("Verification unsuccessful");
    }
    driver.findElement(By.id("finish")).click();

    driver.findElement(By.id("react-burger-menu-btn")).click();
    Thread.sleep(2000);
    driver.findElement(By.id("logout_sidebar_link")).click();

    String expexted="https://www.saucedemo.com/";
    String act=driver.getCurrentUrl();
    if(act.equals(expexted)) {
        System.out.println("Login page displayed successfully after clicking
logout");
    }

    Thread.sleep(7000);
    driver.close();

}

```



}

Welcome to Login Page

Login Success

Item added successfully

Verification Successful

Login page displayed successfully after clicking logout