

Hi,

PFA day 10 test case,

Process	Steps To Execute	Expected Results
Add Shipping Location	1. Check for the count of shipping location table records in DB 2. Navigate onto shipping location under System tab, shipping. 3. Add a new record	Validate the presence of newly added record and the increase in the table record count by 1

Solution

```
package com.ibm.test;
```

```
import static org.junit.Assert.assertTrue;
import static org.testng.Assert.assertEquals;
import static org.testng.Assert.assertFalse;
import static org.testng.Assert.assertNotEquals;
import static org.testng.Assert.assertTrue;
```

```
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.Date;
import java.util.HashMap;
import java.util.List;
import java.util.Properties;
import java.util.concurrent.TimeUnit;
```

```
import org.apache.commons.io.FileUtils;

import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
import org.openqa.selenium.remote.LocalFileDetector;
import org.openqa.selenium.support.ui.Select;
import org.openqa.selenium.By;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.DataProvider;
import org.testng.annotations.Test;
```

```
import com.ibm.pages.Login;
```

```
import com.ibm.pages.*;
import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;
import com.ibm.utilities.JDBC_Connection;
import org.testng.Assert;
```

```
//jars would be in the link
```

```
// https://drive.google.com/open?id=1Oa7AzFN8nQapvatjRToU\_bwDgpf18QKI
```

```
public class BaseTest extends WebDriverLaunch
```

```

{

int exp, expnew;

@BeforeTest

public void Databaseconnection() throws SQLException

{

exp = JDBC_Connection.countQuery("SELECT COUNT(*) FROM as_shipping_location");

System.out.println(exp);

}

@Test

public void login() throws FileNotFoundException, IOException, InterruptedException

{

String url = data.get("url");
String userName = data.get("user");
String password = data.get("password");
driver.get(url);

Login loginele = new Login(driver, wait);
loginele.enterEmailAddress(userName);
loginele.enterPassword(password);
loginele.clickOnLogin();

Properties p = new Properties();
p.load(new FileInputStream("TestData/data.properties"));

AdminPage admin = new AdminPage(driver, wait);

admin.clickonSystemtab();

```

```
admin.clickonshippingstab();  
admin.clickonshippingLoctab();
```

```
admin.clickonAddnewButn();  
driver.findElement(By.xpath("//input[@name='name']")).sendKeys("Gurgaon");  
admin.clickonSaveButton();
```

```
WebElement message= driver.findElement(By.xpath("//*[@id='page-wrapper']/div/div[2]"));  
String msg =message.getText();  
System.out.println(msg);  
String pagesource = driver.getPageSource();
```

```
assertTrue(pagesource.contains(" Success: You have successfully added shipping location!"), msg);  
loginele.clickOnLogout();
```

```
}
```

```
@AfterTest
```

```
public void Databasenewconnection() throws SQLException
```

```
{
```

```
expnew = JDBC_Connection.countQuery("SELECT COUNT(*) FROM as_shipping_location");
```

```
System.out.println(expnew);
```

```
String verify = JDBC_Connection.singleDataQuery("SELECT * FROM as_shipping_location WHERE  
name = 'Gurgaon'");
```

```
System.out.println(verify);
```

```
if (expnew> exp)
```

```
System.out.println("The presence of newly added record:"+verify);
```

```
}
```

```
}
```

JDBC-Class

```
package com.ibm.utilities;
```

```
//We will understand the construction of this page
```

```
import java.io.IOException;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.ResultSetMetaData;
```

```
import java.sql.SQLException;
```

```
import java.sql.Statement;
```

```
import java.util.ArrayList;
```

```
import java.util.HashMap;
```

```
import java.util.List;
```

```
public class JDBC_Connection
```

```
{
```

```
public static String singleDataQuery(String query) throws SQLException
```

```
{
```

```
String text=null;
```

```
Connection con =
```

```
DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_ato  
zgroceries","foodsonfinger_atoz",  
"welcome@123");
```

```
Statement s = con.createStatement();
```

```
ResultSet rs = s.executeQuery(query);
```

```
if(rs.next())
```

```
{
```

```
text = rs.getString(1);
```

```
}
```

```
return text;
```

```
}
```

```
public static int countQuery(String query) throws SQLException  
{
```

```
    int count=0;
```

```
    Connection con =  
    DriverManager.getConnection("jdbc:mysql://foodsonfinger.com:3306/foodsonfinger_ato  
    zgroceries","foodsonfinger_atoz",  
    "welcome@123");
```

```
    Statement s = con.createStatement();
```

```
    ResultSet rs = s.executeQuery(query);
```

```
    if(rs.next())  
{
```

```
        count = rs.getInt(1);
```

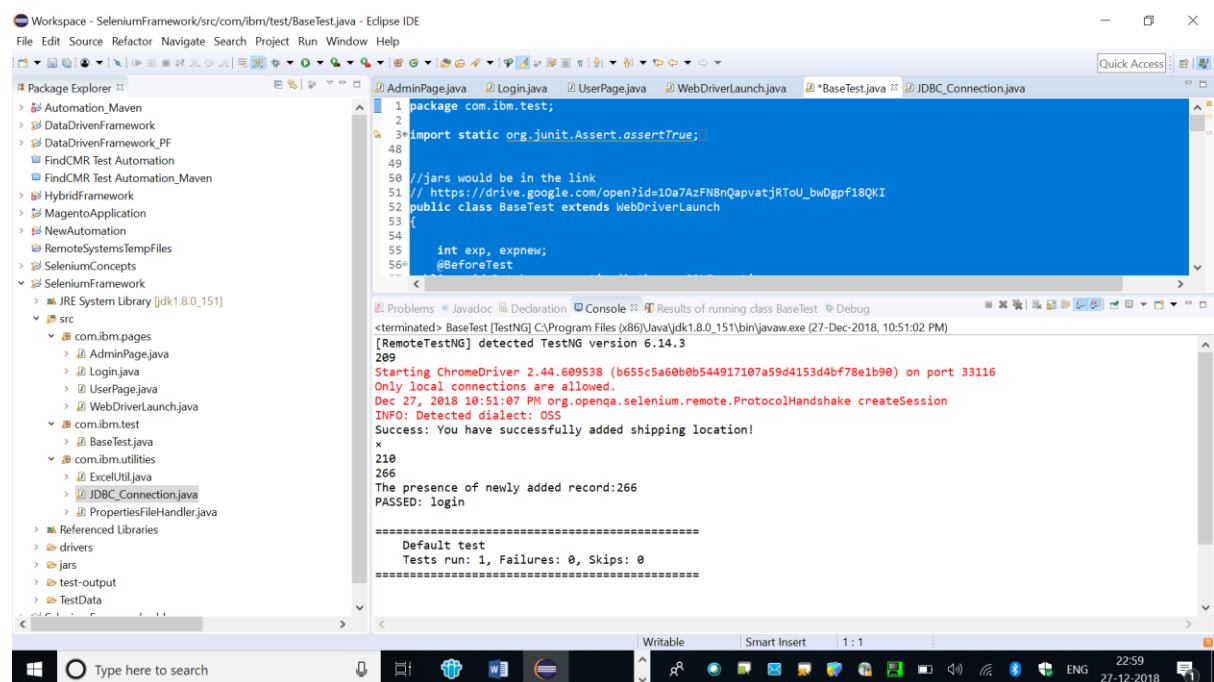
```
    }
```

```
    return count;
```

```
}
```

```
}
```

ScreenShot



Database

The screenshot shows the phpMyAdmin interface for the 'foodsonfinger_atozgroceries' database. The 'as_shipping_location' table is selected. A SQL query has been executed successfully:

```
SELECT COUNT(*) FROM as_shipping_location
```

The result of the query is displayed as:

```
COUNT(*)
210
```

The interface includes a sidebar with a list of tables, a top navigation bar with options like 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Operations', and 'Triggers', and a bottom status bar showing the server and database information.

Application

The screenshot shows the 'easyordering' application dashboard. The dashboard includes a sidebar with navigation links for Dashboard, Catalog, Sales, Customers, Marketing, and System. The main content area displays four key metrics:

- Total Orders: 6
- Total Sales: ₹27,965.00
- Total Customers: 31
- Total Products: 230

Below these metrics, there is a section for 'Latest Orders' with a table showing the following data:

#	Order ID	Customer	Status	Total	Date Added	Action
1	#10	Rajendra Sahoo	Pending	₹21,750.00	2018-12-21	View
2	#6	TestNew	Pending	₹3,950.00	2018-12-20	View

Student Dashboard | SweetAgarwal01/Sel | Word to PDF - Converter | Shipping Location | foodsonfinger.com | SQL COUNT function

https://atozgroceries.com/admin/shippinglocation/tab?token=e4da3b7fbbce2345d7772b0674a318d5

easyordering Logout

Customers | Marketing | System

→ Settings
→ Users
→ Shipping
→ Shipping Methods
→ Shipping Locations
→ Shipping Pincode
→ Order Statuses
→ Weight Class
→ Returns
→ Manage Backup

Shipping Location List

Show 10 entries

Copy CSV Excel PDF Print

Search:

#	City Name	Sort Order	Status	Action
1	RMV EXTN 2ND STAGE	1	Disabled	Action
2	PALACE ORCHARDS	1	Disabled	Action
3	PALACE GUTTAHALLI	1	Disabled	Action
4	PADMANABHANAGAR	1	Enabled	Action
5	P & T COLONY K. B SANDRA	1	Disabled	Action
6	NEW THIPPASANDRA	1	Disabled	Action
7	TestLocation	1	Enabled	Action

Type here to search

23:02 27-12-2018

Student Dashboard | SweetAgarwal01/Sel | Word to PDF - Converter | Shipping Location | foodsonfinger.com | SQL COUNT function

https://atozgroceries.com/admin/shippinglocation/new?token=e4da3b7fbbce2345d7772b0674a318d5

easyordering Logout

Dashboard | Catalog | Sales | Customers | Marketing | System

→ Settings
→ Users
→ Shipping
→ Shipping Methods
→ Shipping Locations
→ Shipping Pincode
→ Order Statuses

Shipping Location

Home / Shipping Location

Add Shipping Location

* City Name
Noida

* Sort Order
1

Status
Enabled

Type here to search

23:03 27-12-2018

DataBase

Student Dashboard x SweetAgarwal01/Sel x Word to PDF - Conve x Dashboard | Admin P x foodsonfinger.com / SQL COUNT function x

https://foodsonfinger.com/2083/cpsess5413626265/3rdparty/phpMyAdmin/tbl_sql.php?&server=localhost:3306&db=foodsonfinger_atozgroceries&table=as_shipping_location

phpMyAdmin

Recent Favorites

- as_order_address
- as_order_product
- as_order_status
- as_products
- as_product_image
- as_pro_category
- as_pro_tabs
- as_pushnotification
- as_return
- as_return_action
- as_return_reason
- as_return_status
- as_shipping
- as_shipping_location
- as_shipping_pincode
- as_stock_status
- as_store
- as_tabs
- as_tax
- as_total_shipping
- as_user
- as_weight

Server: localhost:3306 » Database: foodsonfinger_atozgroceries » Table: as_shipping_location

Browse Structure SQL Search Insert Export Import Operations Triggers

Show query box

Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)

```
SELECT * FROM `as_shipping_location` WHERE name = 'Noida'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	shipping_location_id	name	sort	status	date_added	date_modified
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	265	Noida	1	1	2018-12-27 22:28:04	0000-00-00 00:00:00

☐ Check all With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

☐ Print ☐ Copy to clipboard ☐ Export ☐ Display chart ☐ Create view

Console

Type here to search

22:59 27-12-2018