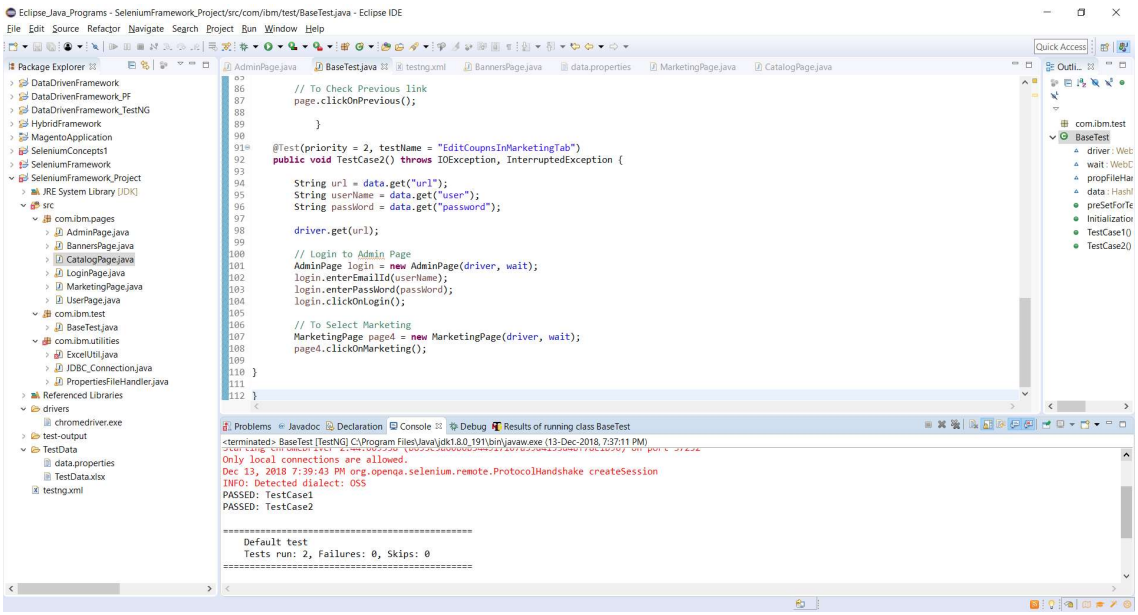
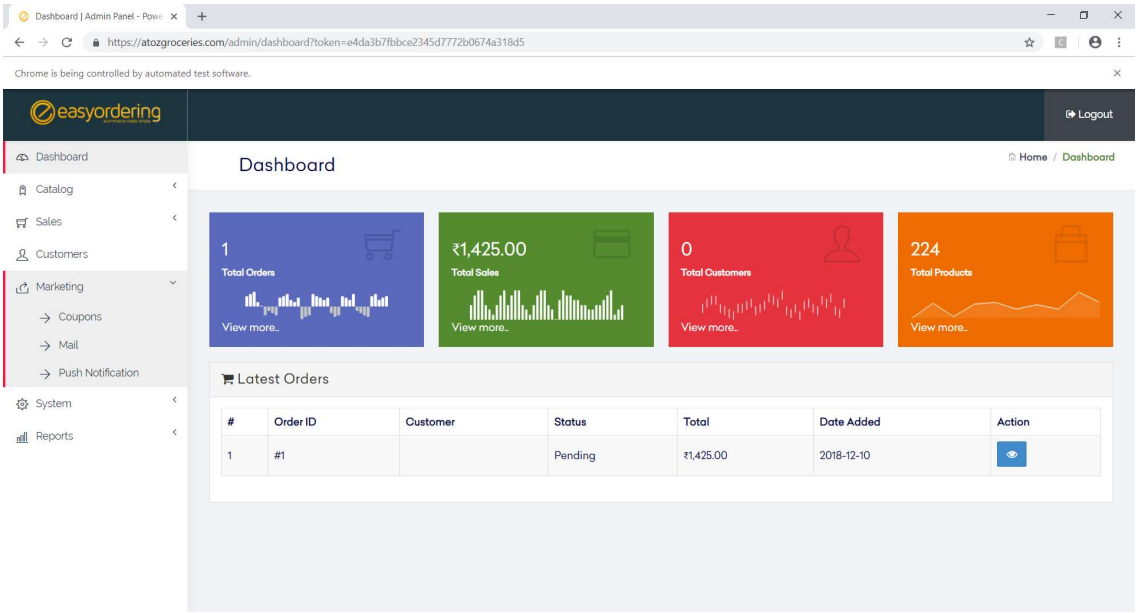
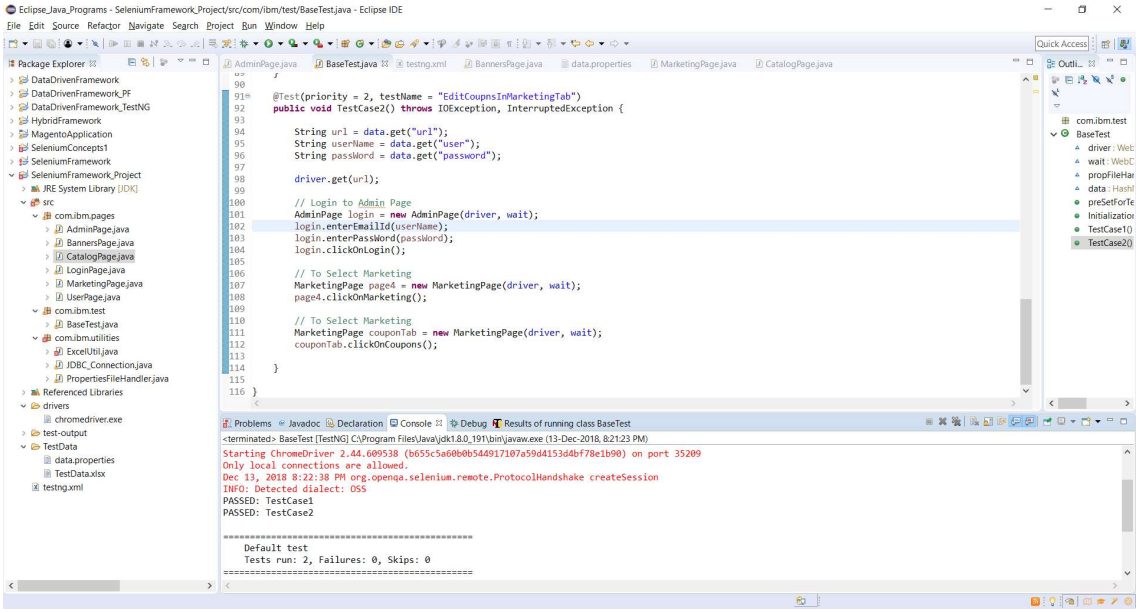
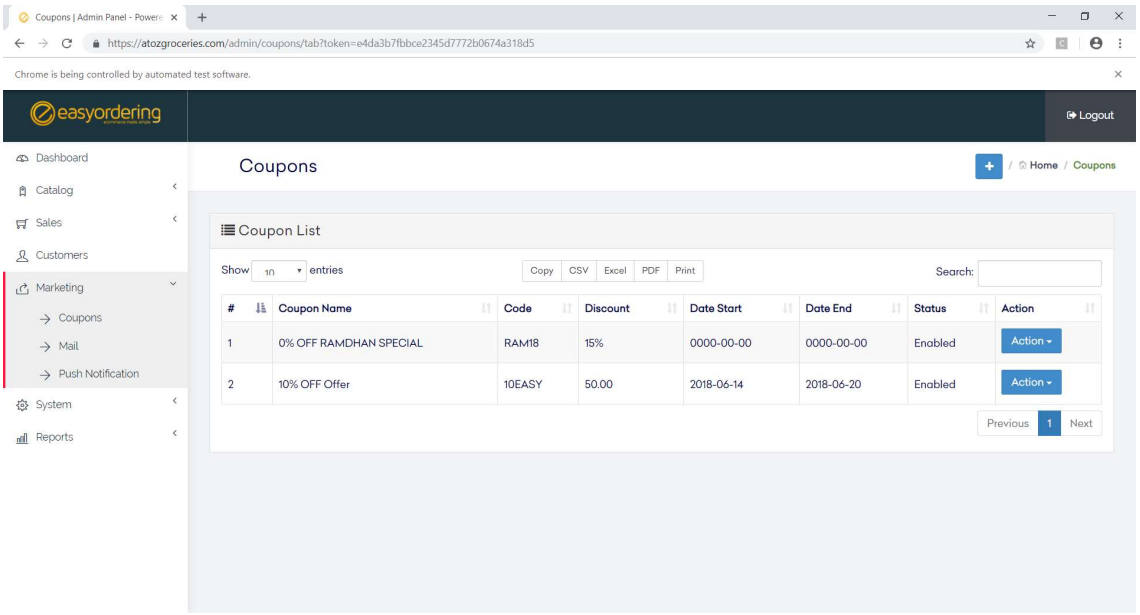
1. Login and to select Marketing page:



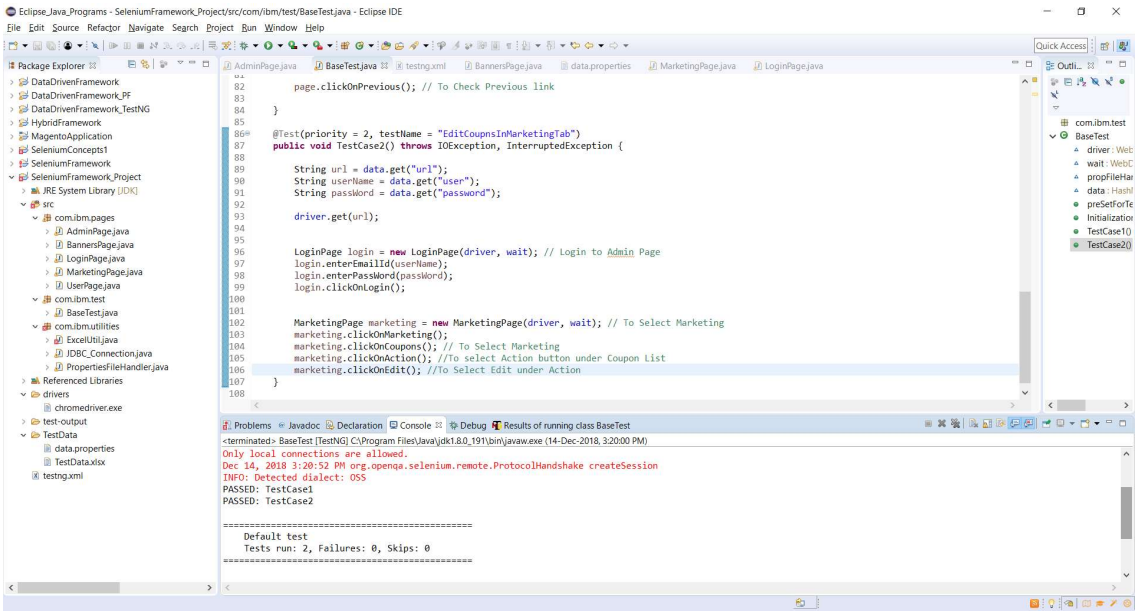


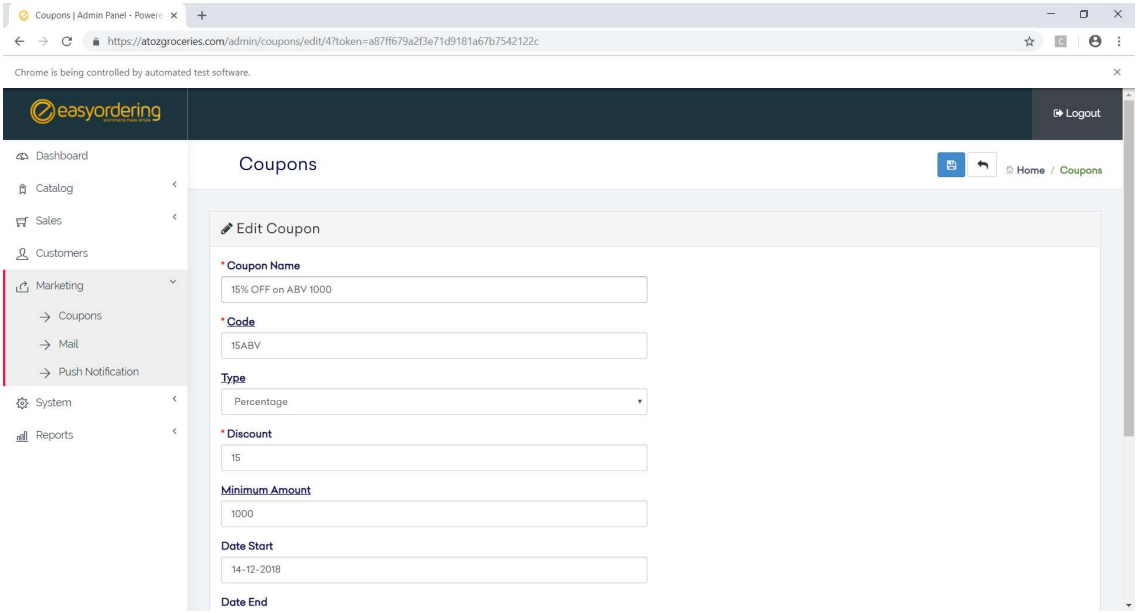
2. To select Coupons tab





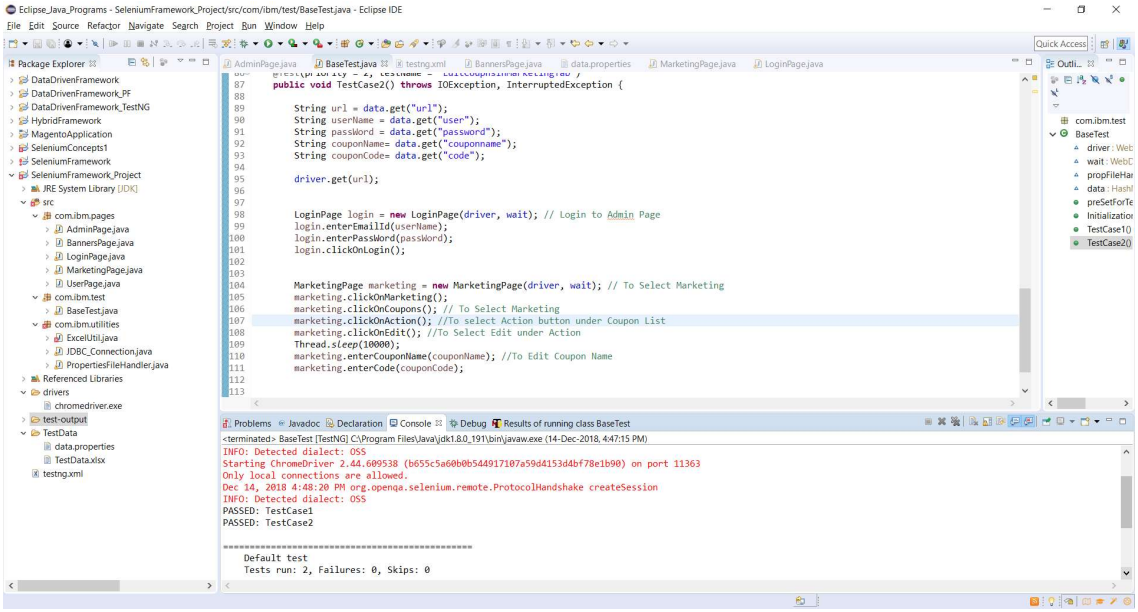
3. Click on Action and Edit button

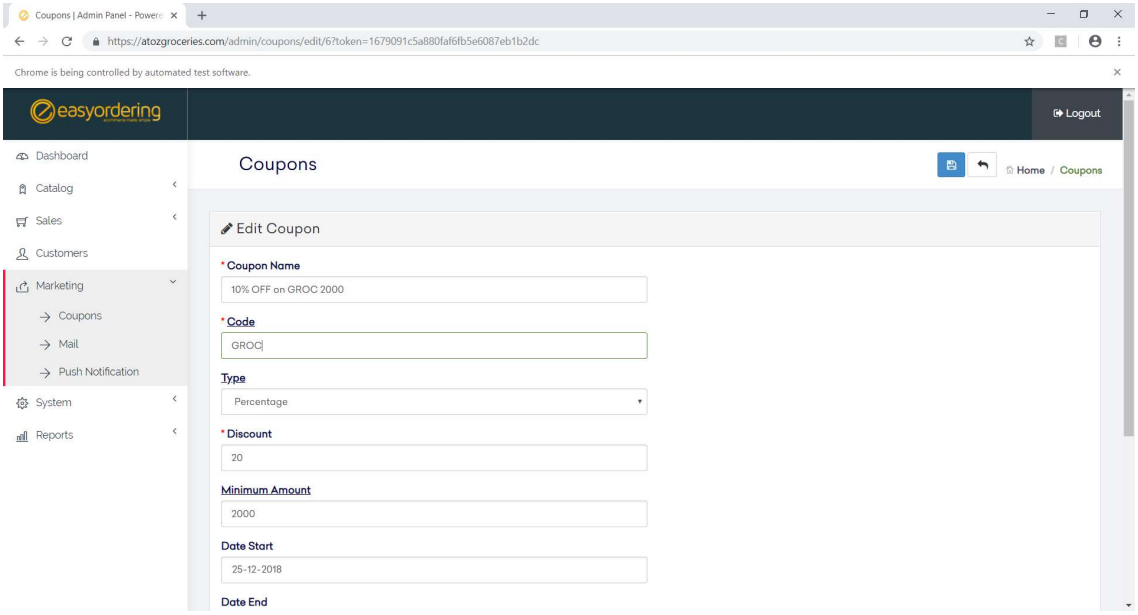


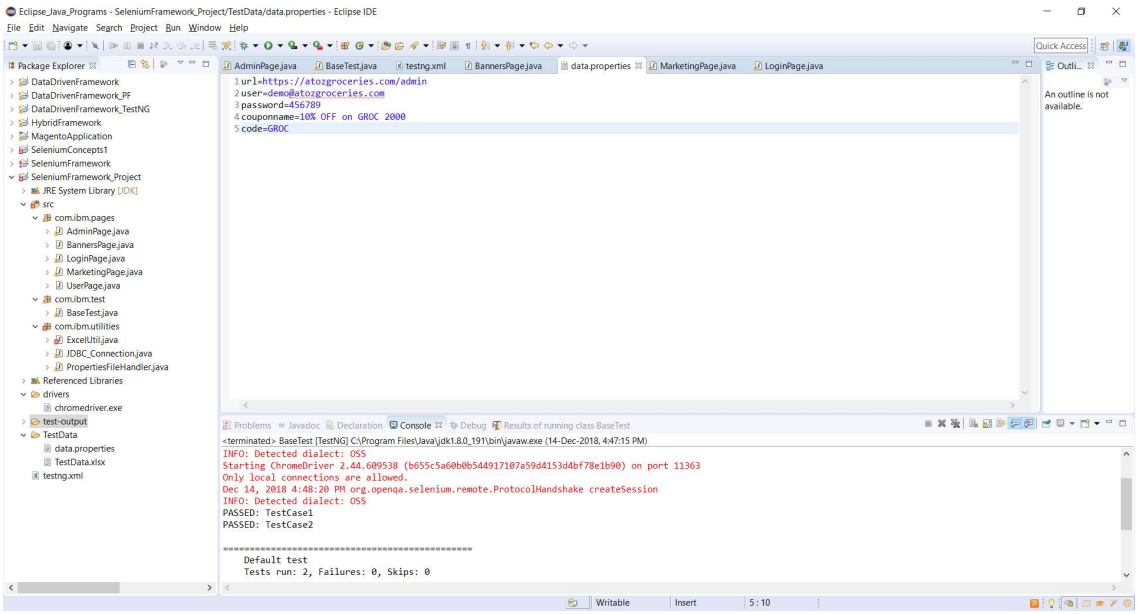


4.

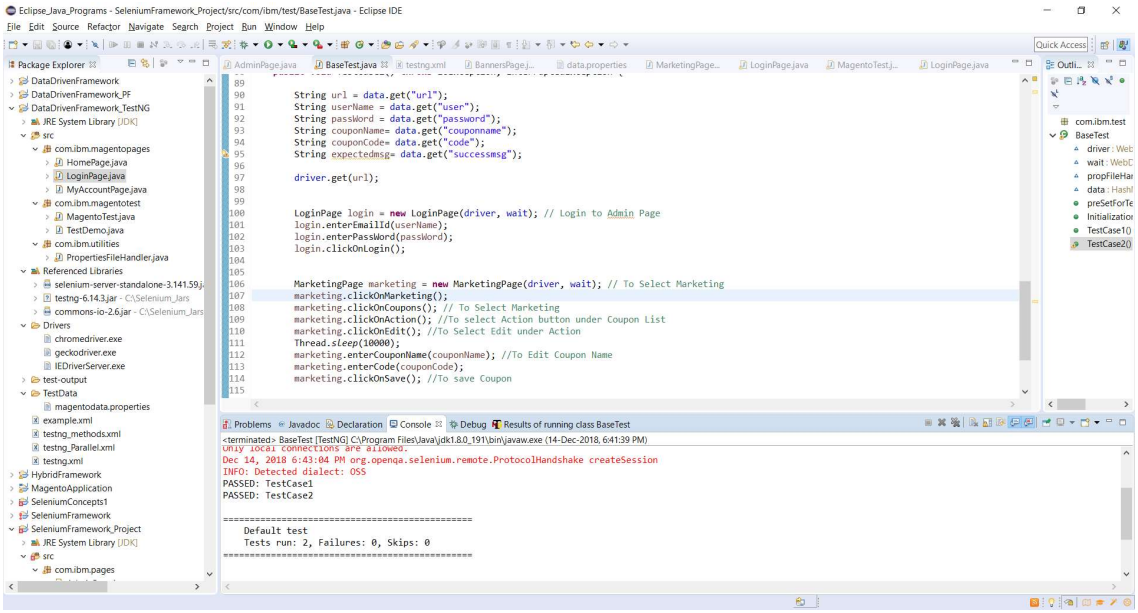
To Edit coupon:

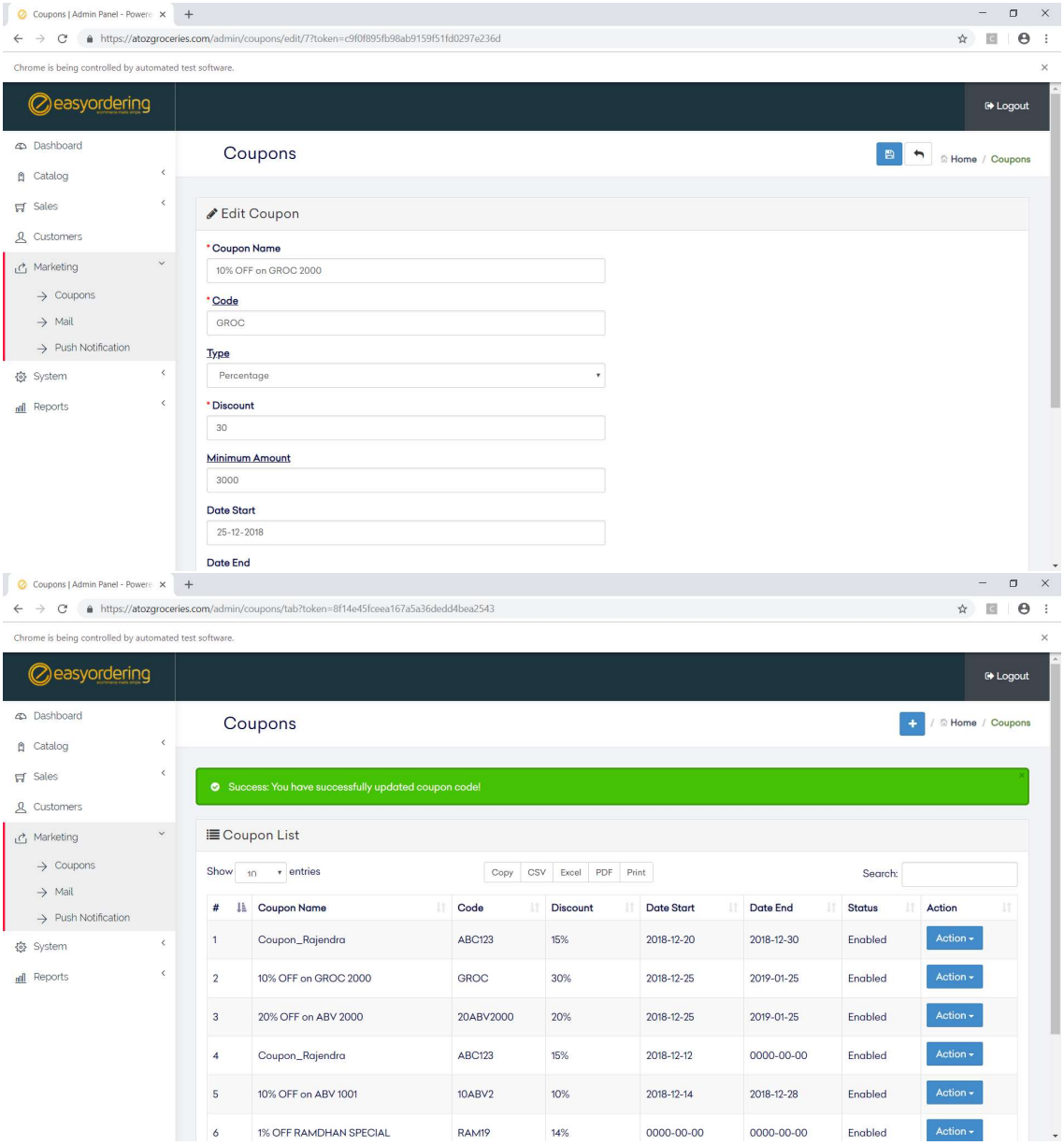

Eclipse_Java_Programs - SeleniumFramework_Project/src/com/ibm/test/BaseTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
DataDrivenFramework
DataDrivenFramework_PF
DataDrivenFramework_TestNG
HybridFramework
MagentoApplication
SeleniumConcepts1
SeleniumFramework
SeleniumFramework_Project
JRE System Library [JDK]
src
com.ibm.pages
AdminPage.java
BannersPage.java
LoginPage.java
MarketingPage.java
UserPage.java
com.ibm.test
BaseTest.java
com.ibm.utilities
ExcelUtil.java
JDBC_Connection.java
PropertiesFileHandler.java
Referenced Libraries
drivers
chromedriver.exe
test-output
TestData
data.properties
TestData.xlsx
testng.xml
AdminPage.java
BaseTest.java
testng.xml
BannersPage.java
data.properties
MarketingPage.java
LoginPage.java
public void TestCase2() throws IOException, InterruptedException {
String url = data.get("url");
String userName = data.get("user");
String passWord = data.get("password");
String couponName= data.get("couponname");
String couponCode= data.get("code");
driver.get(url);
LoginPage login = new LoginPage(driver, wait); // Login to Admin Page
login.enterEmailId(userName);
login.enterPassWord(passWord);
login.clickOnLogin();
MarketingPage marketing = new MarketingPage(driver, wait); // To Select Marketing
marketing.clickOnMarketing();
marketing.clickOnCoupons(); // To Select Marketing
marketing.clickOnAction(); //To select Action button under Coupon List
marketing.clickOnEdit(); //To Select Edit under Action
Thread.sleep(10000);
marketing.enterCouponName(couponName); //To Edit Coupon Name
marketing.enterCode(couponCode);
com.ibm.test
BaseTest
driver : Web
wait : WebD
propFileHar
data : Hashl
preSetForTe
Initializatio
TestCase1()
TestCase2()
Problems Javadoc Declaration Console Debug Results of running class BaseTest
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (14-Dec-2018, 4:47:15 PM)
INFO: Detected dialect: OSS
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 11363
Only local connections are allowed.
Dec 14, 2018 4:48:20 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
PASSED: TestCase1
PASSED: TestCase2
Default test
Tests run: 2, Failures: 0, Skips: 0


Coupons | Admin Panel - Powere
https://atozgroceries.com/admin/coupons/edit/6?token=1679091c5a880faf6fb5e6087eb1b2dc
Chrome is being controlled by automated test software.
easyordering
Logout
Dashboard
Catalog
Sales
Customers
Marketing
Coupons
Mail
Push Notification
System
Reports
Coupons
Home / Coupons
Edit Coupon
* Coupon Name
10% OFF on GROC 2000
* Code
GROC
Type
Percentage
* Discount
20
Minimum Amount
2000
Date Start
25-12-2018
Date End

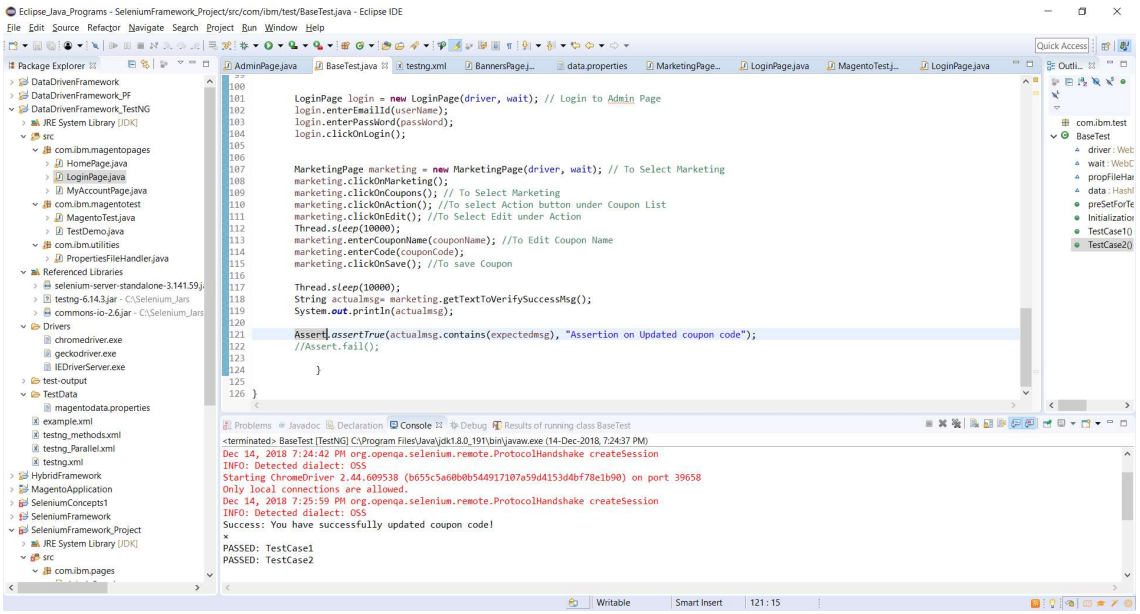

Eclipse_Java_Programs - SeleniumFramework_Project/TestData/data.properties - Eclipse IDE
File Edit Navigate Search Project Run Window Help
Package Explorer
DataDrivenFramework
DataDrivenFramework_PF
DataDrivenFramework_TestNG
HybridFramework
MagentoApplication
SeleniumConcepts1
SeleniumFramework
SeleniumFramework_Project
JRE System Library [JDK]
src
com.ibm.pages
AdminPage.java
BannersPage.java
LoginPage.java
MarketingPage.java
UserPage.java
com.ibm.test
BaseTest.java
com.ibm.utilities
ExcelUtil.java
JDBC_Connection.java
PropertiesFileHandler.java
Referenced Libraries
drivers
chromedriver.exe
test-output
TestData
data.properties
TestData.xlsx
testng.xml
AdminPage.java
BaseTest.java
testng.xml
BannersPage.java
data.properties
MarketingPage.java
LoginPage.java
1 url=https://atozgroceries.com/admin
2 user=demo@atozgroceries.com
3 password=456789
4 couponname=10% OFF on GROC 2000
5 code=GROC
An outline is not available.
Problems Javadoc Declaration Console Debug Results of running class BaseTest
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (14-Dec-2018, 4:47:15 PM)
INFO: Detected dialect: OSS
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 11363
Only local connections are allowed.
Dec 14, 2018 4:48:20 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
PASSED: TestCase1
PASSED: TestCase2
Default test
Tests run: 2, Failures: 0, Skips: 0
Writable
Insert
5 : 10

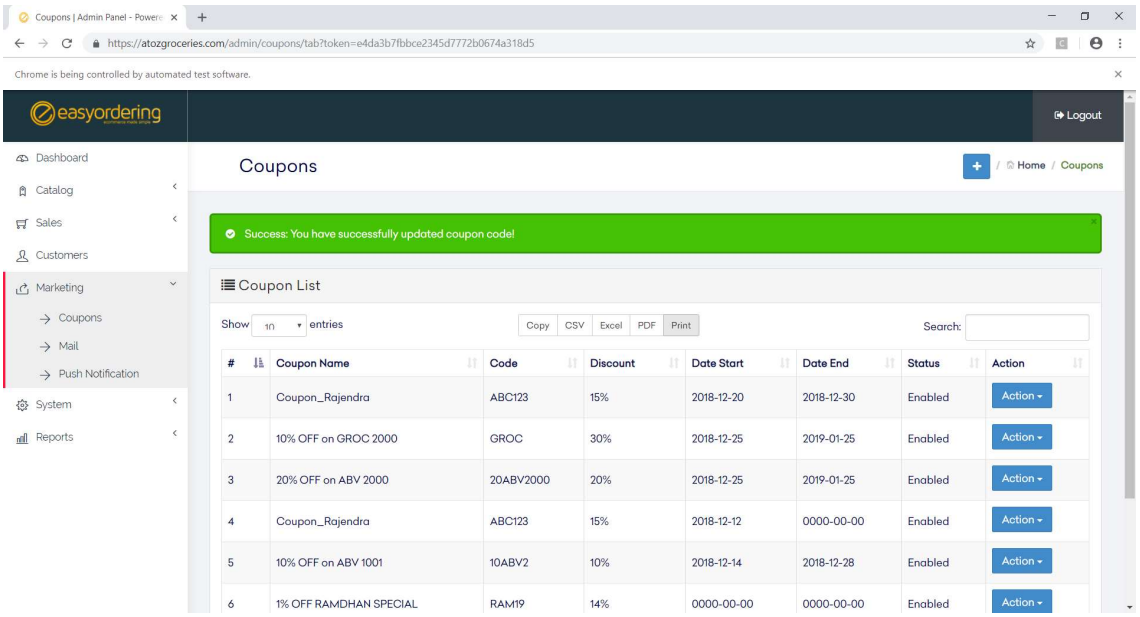
4. To save

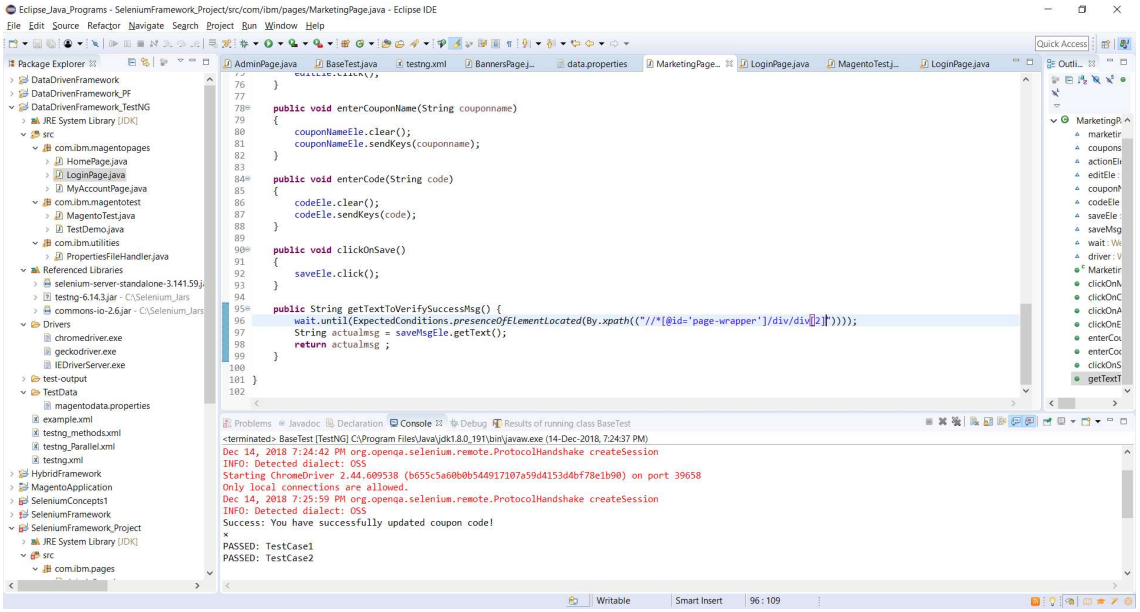

Eclipse_Java_Programs - SeleniumFramework_Project/src/com/ibm/test/BaseTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
DataDrivenFramework
DataDrivenFramework_PF
DataDrivenFramework_TestNG
JRE System Library [JDK]
src
com.ibm.magentopages
HomePage.java
LoginPage.java
MyAccountPage.java
com.ibm.magentotest
MagentoTest.java
TestDemo.java
com.ibm.utilities
PropertiesFileHandler.java
Referenced Libraries
selenium-server-standalone-3.141.59.j...
testng-6.14.3.jar - C:\Selenium_Jars
commons-io-2.6.jar - C:\Selenium_Jars
Drivers
chromedriver.exe
geckodriver.exe
IEDriverServer.exe
test-output
TestData
magentodata.properties
example.xml
testng_methods.xml
testng_Parallel.xml
testng.xml
HybridFramework
MagentoApplication
SeleniumConcepts1
SeleniumFramework
SeleniumFramework_Project
JRE System Library [JDK]
src
com.ibm.pages
String url = data.get("url");
String userName = data.get("user");
String passWord = data.get("password");
String couponName= data.get("couponname");
String couponCode= data.get("code");
String expectedmsg= data.get("successmsg");
driver.get(url);
LoginPage login = new LoginPage(driver, wait); // Login to Admin Page
login.enterEmailId(userName);
login.enterPassWord(passWord);
login.clickOnLogin();
MarketingPage marketing = new MarketingPage(driver, wait); // To Select Marketing
marketing.clickOnMarketing();
marketing.clickOnCoupons(); // To Select Marketing
marketing.clickOnAction(); //To select Action button under Coupon List
marketing.clickOnEdit(); //To Select Edit under Action
Thread.sleep(10000);
marketing.enterCouponName(couponName); //To Edit Coupon Name
marketing.enterCode(couponCode);
marketing.clickOnSave(); //To save Coupon
Problems Javadoc Declaration Console Debug Results of running class BaseTest
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (14-Dec-2018, 6:41:39 PM)
Only local connections are allowed.
Dec 14, 2018 6:43:04 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
PASSED: TestCase1
PASSED: TestCase2
Default test
Tests run: 2, Failures: 0, Skips: 0



5. To validate the presence of the modified details


Eclipse_Java_Programs - SeleniumFramework_Project/src/com/ibm/test/BaseTest.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
DataDrivenFramework
DataDrivenFramework_PF
DataDrivenFramework_TestNG
JRE System Library [JDK]
src
com.ibm.magentopages
HomePage.java
LoginPage.java
MyAccountPage.java
com.ibm.magentotest
MagentoTest.java
TestDemo.java
com.ibm.utilities
PropertiesFileHandler.java
Referenced Libraries
selenium-server-standalone-3.141.59.j
testng-6.14.3.jar - C:\Selenium_Jars
commons-io-2.6.jar - C:\Selenium_Jars
Drivers
chromedriver.exe
geckodriver.exe
IEDriverServer.exe
test-output
TestData
magentodata.properties
example.xml
testng_methods.xml
testng_Parallel.xml
testng.xml
HybridFramework
MagentoApplication
SeleniumConcepts1
SeleniumFramework
SeleniumFramework_Project
JRE System Library [JDK]
src
com.ibm.pages
AdminPage.java
BaseTest.java
testng.xml
BannersPage.j...
data.properties
MarketingPage...
LoginPage.java
MagentoTest.j...
LoginPage.java
LoginPage login = new LoginPage(driver, wait); // Login to Admin Page
login.enterEmailId(userName);
login.enterPassWord(passWord);
login.clickOnLogin();
MarketingPage marketing = new MarketingPage(driver, wait); // To Select Marketing
marketing.clickOnMarketing();
marketing.clickOnCoupons(); // To Select Marketing
marketing.clickOnAction(); //To select Action button under Coupon List
marketing.clickOnEdit(); //To Select Edit under Action
Thread.sleep(10000);
marketing.enterCouponName(couponName); //To Edit Coupon Name
marketing.enterCode(couponCode);
marketing.clickOnSave(); //To save Coupon
Thread.sleep(10000);
String actualmsg= marketing.getTextToVerifySuccessMsg();
System.out.println(actualmsg);
Assert.assertTrue(actualmsg.contains(expectedmsg), "Assertion on Updated coupon code");
//Assert.fail();
}
}
com.ibm.test
BaseTest
driver : Web
wait : WebD
propFileHar
data : Hashl
preSetForTe
Initializatio
TestCase1()
TestCase2()
Problems Javadoc Declaration Console Debug Results of running class BaseTest
<terminated> BaseTest [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (14-Dec-2018, 7:24:37 PM)
Dec 14, 2018 7:24:42 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Starting ChromeDriver 2.44.609538 (b655c5a60b0b544917107a59d4153d4bf78e1b90) on port 39658
Only local connections are allowed.
Dec 14, 2018 7:25:59 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
Success: You have successfully updated coupon code!
PASSED: TestCase1
PASSED: TestCase2
Writable
Smart Insert
121 : 15


Coupons | Admin Panel - Powere
https://atozgroceries.com/admin/coupons/tab?token=e4da3b7fbbce2345d7772b0674a318d5
Chrome is being controlled by automated test software.
easyordering
Logout
Dashboard
Catalog
Sales
Customers
Marketing
Coupons
Mail
Push Notification
System
Reports
Coupons
Home / Coupons
Success: You have successfully updated coupon code!
Coupon List
Show 10 entries
Copy CSV Excel PDF Print
Search:
Coupon Name Code Discount Date Start Date End Status Action
1 Coupon_Rajendra ABC123 15% 2018-12-20 2018-12-30 Enabled Action
2 10% OFF on GROC 2000 GROC 30% 2018-12-25 2019-01-25 Enabled Action
3 20% OFF on ABV 2000 20ABV2000 20% 2018-12-25 2019-01-25 Enabled Action
4 Coupon_Rajendra ABC123 15% 2018-12-12 0000-00-00 Enabled Action
5 10% OFF on ABV 1001 10ABV2 10% 2018-12-14 2018-12-28 Enabled Action
6 1% OFF RAMDHAN SPECIAL RAM19 14% 0000-00-00 0000-00-00 Enabled Action



+----------

Programs

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Base Test:

```
package com.ibm.test;


import java.io.IOException;
import java.util.HashMap;
import java.util.concurrent.TimeUnit;


import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.AssertJUnit;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.DataProvider;
```

```
import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;
import com.ibm.pages.BannersPage;
import com.ibm.pages.LoginPage;
import com.ibm.pages.MarketingPage;
import com.ibm.utilities.ExcelUtil;
import com.ibm.utilities.PropertiesFileHandler;

public class BaseTest {

	WebDriver driver;
	WebDriverWait wait;
	PropertiesFileHandler propFileHandler;
	HashMap<String, String> data;

	@BeforeSuite
	public void preSetForTest() throws IOException {
		String file = "./TestData/data.properties";
		propFileHandler = new PropertiesFileHandler();
		data = propFileHandler.getPropertiesAsMap(file);
	}

	@BeforeMethod
	public void Initialization() {
		System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
		driver = new ChromeDriver();
		wait = new WebDriverWait(driver, 60);
		driver.manage().window().maximize();
		driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
```

```
    }

    /*
     * @AfterMethod public void closeBrowser() { driver.quit(); }
     */

    @Test(priority = 1, testName = "BannerListPageValidation")
    public void TestCase1() throws IOException, InterruptedException {

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

            driver.get(url);

LoginPage login = new LoginPage(driver, wait); // Login to Admin Page
            login.enterEmailId(userName);
            login.enterPassWord(passWord);
            login.clickOnLogin();


            AdminPage admin = new AdminPage(driver, wait);
            admin.clickOnCatalog(); // To Select Catalog

            BannersPage page = new BannersPage(driver, wait);
            page.clickOnBanners(); // To Select Banners
            Thread.sleep(10000);

            page.clickOnPage1(); // To Check Page2
            Thread.sleep(10000);
```

```
            page.clickOnPage2(); // To Check Page1
            Thread.sleep(10000);

            page.clickOnNext(); // To Check Next Link

            page.clickOnPrevious(); // To Check Previous link

    }

    @Test(priority = 2, testName = "EditCoupnsInMarketingTab")
    public void TestCase2() throws IOException, InterruptedException {

            String url = data.get("url");
            String userName = data.get("user");
            String passWord = data.get("password");
            String couponName= data.get("couponname");
            String couponCode= data.get("code");
String expectedmsg= data.get("successmsg");

            driver.get(url);


            LoginPage login = new LoginPage(driver, wait); // Login to Admin Page
            login.enterEmailId(userName);
            login.enterPassWord(passWord);
            login.clickOnLogin();


            MarketingPage marketing = new MarketingPage(driver, wait); // To Select Marketing
            marketing.clickOnMarketing();
            marketing.clickOnCoupons(); // To Select Marketing
```

```
marketing.clickOnAction(); //To select Action button under Coupon List

marketing.clickOnEdit(); //To Select Edit under Action

Thread.sleep(10000);

marketing.enterCouponName(couponName); //To Edit Coupon Name

marketing.enterCode(couponCode);

marketing.clickOnSave(); //To save Coupon


Thread.sleep(10000);

String actualmsg= marketing.getTextToVerifySuccessMsg();

System.out.println(actualmsg);


Assert.assertTrue(actualmsg.contains(expectedmsg), "Assertion on Updated coupon
code");

//Assert.fail();


        }


}
```

Admin page

```
package com.ibm.pages;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.How;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;

public class AdminPage {


        // To select Catalog

        @FindBy(xpath = "//a[@href='#']")
        WebElement catalogEle;


    WebDriverWait wait;
    WebDriver driver;

    public AdminPage(WebDriver driver,WebDriverWait wait) {
        PageFactory.initElements(driver, this);
```

```
		this.driver=driver;
		this.wait=wait;
	}

	public void clickOnCatalog() {
		catalogEle.click();
	}

}
```

Marketing page

```
package com.ibm.pages;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class MarketingPage {

	// To select Marketing

	@FindBy(xpath = "//*[@id='side-menu']/li[5]/a")
	WebElement marketingEle;

	// To select Coupons

	@FindBy(xpath= "//*[@id='side-menu']/li[5]/ul/li[1]/a")
	WebElement couponsEle;

	// To Click on Action button under Coupon List

	@FindBy(xpath= "//*[@id='dataTableExample2']/tbody/tr[2]/td[8]/div/button")
	WebElement actionEle;

	//To Edit the Coupon
	@FindBy(linkText ="Edit")
	WebElement editEle;

	//To Edit the Coupon name
	@FindBy(xpath="//input[@name='name']")
	WebElement couponNameEle;

	//To Edit the Code
		@FindBy(xpath="//input[@name='code']")
		WebElement codeEle;

		//To Save the Coupon

		@FindBy(xpath="//*[@id='page-wrapper']/div/form/div[1]/button")
		WebElement saveEle;
```

```
		//Success message upon saving Coupon

		@FindBy(xpath="//*[@id=\"page-wrapper\"]/div/div[2]")
		WebElement saveMsgEle;

	WebDriverWait wait;
	WebDriver driver;

	public MarketingPage(WebDriver driver, WebDriverWait wait) {
		PageFactory.initElements(driver, this);
		this.driver = driver;
		this.wait = wait;
	}

	public void clickOnMarketing() {
		marketingEle.click();
	}

	public void clickOnCoupons() {
		couponsEle.click();
	}

	public void clickOnAction()
	{
		actionEle.click();

	}

	public void clickOnEdit()
	{
		editEle.click();
	}

	public void enterCouponName(String couponname)
	{
		couponNameEle.clear();
		couponNameEle.sendKeys(couponname);
	}

	public void enterCode(String code)
	{
		codeEle.clear();
		codeEle.sendKeys(code);
	}

	public void clickOnSave()
	{
		saveEle.click();
	}

	public String getTextToVerifySuccessMsg() {

	wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath(("//*[@id='
page-wrapper']/div/div[2]"))));
		String actualmsg = saveMsgEle.getText();
		return actualmsg ;
	}

}
```

Banners Page:

```
package com.ibm.pages;

import java.util.List;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindAll;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openqa.selenium.support.ui.WebDriverWait;

public class BannersPage {

	WebDriverWait wait;
	WebDriver driver;

	public  BannersPage(WebDriver driver,WebDriverWait wait) {
		PageFactory.initElements(driver, this);
		this.driver=driver;
		this.wait=wait;
	}

	//To select Banners from Catalog
	@FindBy(xpath="//*[@id='side-menu']/li[2]/ul/li[2]/a")
	WebElement bannersEle;


	@FindAll(@FindBy(xpath = "//table[@id='dataTableExample2']/tbody/tr"))
	List<WebElement> searchResultTable;

	//To check Page number is working or not(Fetching Page number link-2)

	@FindBy(xpath="//*[@id='dataTableExample2_paginate']/ul/li[3]/a")
	WebElement page2Ele;

	//To check Page number is working or not(Fetching Page number link-1)

	@FindBy(xpath="//*[@id='dataTableExample2_paginate']/ul/li[2]/a")
	WebElement page1Ele;

	// To check Next Link
	@FindBy(xpath="//*[@id='dataTableExample2_next']/a")
	WebElement nextEle;

	// To check Previous Link
		@FindBy(xpath="//*[@id='dataTableExample2_previous']/a")
		WebElement PreviousEle;


	public void clickOnBanners()
	{
		bannersEle.click();
	}
```

```
	public void clickOnPage1()
	{
		page2Ele.click();
	}

	public void clickOnPage2()
	{
		page1Ele.click();
	}
	public void clickOnNext()
	{
		nextEle.click();
	}

	public void clickOnPrevious()
	{
		PreviousEle.click();
	}

}
```

Login page

```
package com.ibm.magentopages;


import java.util.List;


import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindAll;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.How;

import org.openqa.selenium.support.PageFactory;

import org.openqa.selenium.support.ui.ExpectedConditions;

import org.openqa.selenium.support.ui.WebDriverWait;


public class LoginPage {
```

```
        @FindBy(id="email")
        WebElement emailEle;

        @FindBy(how=How.ID,using="pass")
        WebElement passEle;

        @FindBy(xpath="//button[@type='submit']")
        WebElement loginEle;

        By errorMsgLoc =By.className("error-msg");

        //Click on Forget Your Password HyperLink

        @FindBy(xpath="//a[@href='https://account.magento.com/customer/account/forgotpassw
ord/']")
        WebElement ForgotYourPassword;

    //Submit
  @FindBy(xpath="//button[@type='submit']")
  WebElement submitButton;

// Re -enter email id to get the password
  @FindBy(xpath="//*[@name='email']")
  WebElement enterYourEmailEle;

  //Error message
  By requiredFieldErrorMessage =By.className("validation-advice");

  //Error message to give valid mail id
  By enterValidEmailAddress=By.className("validation-advice");
```

```
WebDriverWait wait;
WebDriver driver;

public LoginPage(WebDriver driver,WebDriverWait wait) {
	PageFactory.initElements(driver, this);
	this.driver=driver;
	this.wait=wait;
}

public void enterEmailAddress(String userName)
{
	emailEle.sendKeys(userName);
}

public void enterPassword(String password)
{
	passEle.sendKeys(password);
}

public void clickOnLogin()
{
	loginEle.click();
}

public String getPageSourceForInvalidErrorMessage()
{
	wait.until(ExpectedConditions.presenceOfElementLocated(errorMsgLoc));

	return driver.getPageSource();
}
```

```
//Click on Forgot your password hyperLink

public void  ForgotYourPassword()

{
	ForgotYourPassword.click();
}

// Click on Submit
public void submitButton()
{
	submitButton.click();
}



//To get Error message "this is a Required Field.
public String getPageSourceToRequiredFieldErrorMessage()
{

wait.until(ExpectedConditions.presenceOfElementLocated(requiredFieldErrorMessage));

	return driver.getPageSource();
}

//Enter your email id
	public void enterYourEmailEle(String enteremailaddress)
	{
		enterYourEmailEle.sendKeys(enteremailaddress);
	}

//To get Error message after Submit button
```

```
        public String getPageSourceToEnterValidEmailErrorMessage()
    {

    wait.until(ExpectedConditions.presenceOfElementLocated(enterValidEmailAddress));


        return driver.getPageSource();
    }
}
```

Data properties file:

```
url=https://atozgroceries.com/admin
user=demo@atozgroceries.com
password=456789
couponname=10% OFF on GROC 2000
code=GROC
successmsg=Success: You have successfully updated coupon code!

==
```