

Day 2 Test Case: Test Cases	Process	Steps To Execute	Expected Results
TC02	Add a new Coupons under marketing tab	1. Login to admin portal 2. Go under marketing tabs 3. Fill all the fields	Validate the presence of the new coupon

Solution:

Created one new java file as “CouponPage.java” and existing “BaseTest.java”, “LoginPage.java”

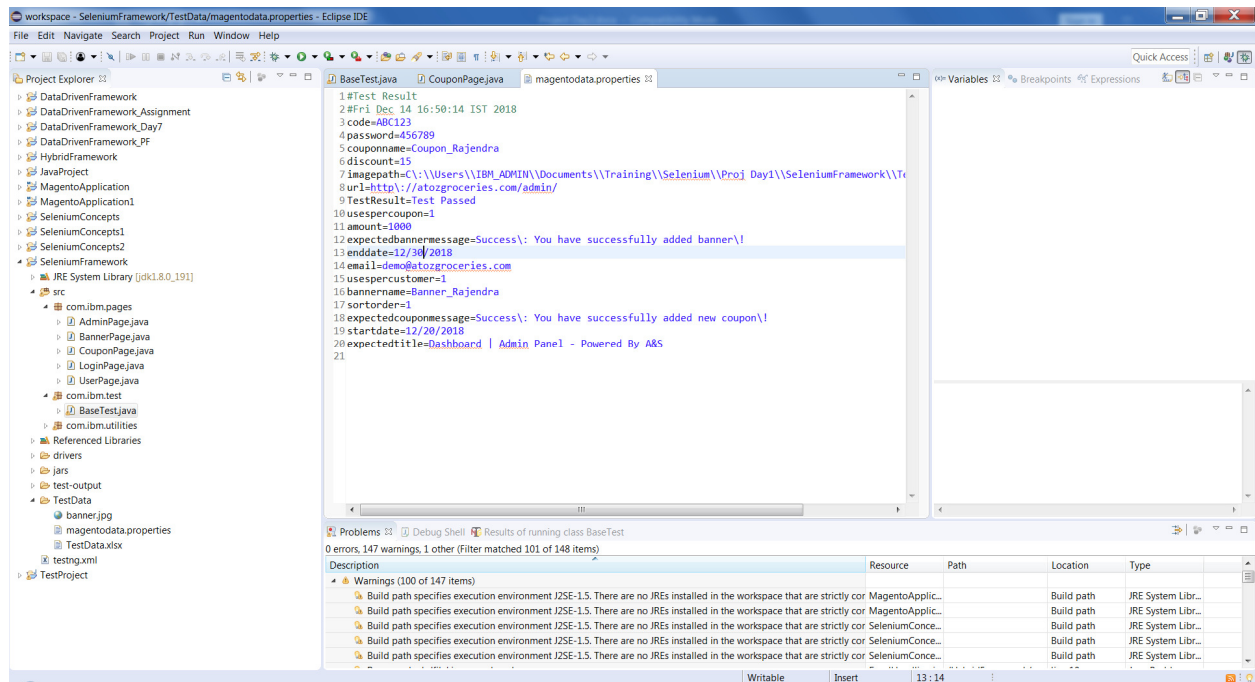
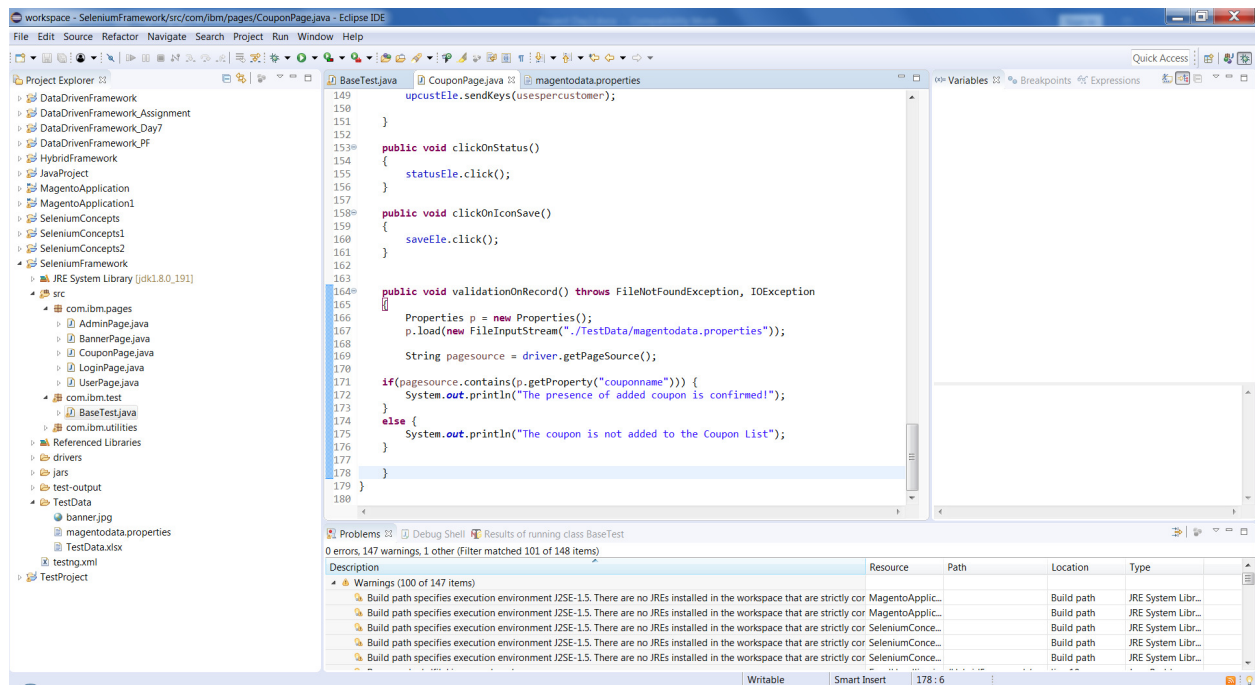
The screenshot shows the Eclipse IDE workspace. The main editor displays the `BaseTest.java` file, which contains the following code:

```

1 package com.ibm.test;
2
3 import java.io.IOException;
4
5 public class BaseTest {
6
7     @Test
8     public void login() throws IOException, InterruptedException
9     {
10         String file = "TestData/magentodata.properties";
11
12         PropertiesFileHandler propFileHandler = new PropertiesFileHandler();
13         HashMap<String, String> data = propFileHandler.getPropertiesAsMap(file);
14
15         String url = data.get("url");
16         String email = data.get("email");
17         String password = data.get("password");
18         String expectedTitle = data.get("expectedtitle");
19         String couponname = data.get("couponname");
20         String code = data.get("code");
21         String discount = data.get("discount");
22         String amount = data.get("amount");
23         String startdate = data.get("startdate");
24         String enddate = data.get("enddate");
25         String usespercoupon = data.get("usespercoupon");
26         String usespercustomer = data.get("usespercustomer");
27         //String expectedcouponmessage = data.get("expectedcouponmessage");
28
29         System.setProperty("webdriver.chrome.driver", "../drivers/chromedriver.exe");
30         WebDriver driver = new ChromeDriver();
31         WebDriverWait wait = new WebDriverWait(driver, 60);
32     }
33 }

```

The Problems view at the bottom shows 0 errors and 147 warnings. The warnings are related to the build path for the JRE System Library, indicating that there are no JREs installed in the workspace that are strictly compatible with the project's build path.



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

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

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

```
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

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

import org.testng.annotations.Test;

import com.ibm.pages.AdminPage;

import com.ibm.pages.BannerPage;

import com.ibm.pages.CouponPage;

import com.ibm.pages.LoginPage;

import com.ibm.utilities.PropertiesFileHandler;


import junit.framework.Assert;


public class BaseTest {

    @Test

    public void login() throws IOException, InterruptedException

    {

        String file="./TestData/magentodata.properties";


        PropertiesFileHandler propFileHandler = new PropertiesFileHandler();

        HashMap<String, String> data= propFileHandler.getPropertiesAsMap(file);


        String url = data.get("url");

        String email = data.get("email");
```

```
String password = data.get("password");

String expectedTitle = data.get("expectedtitle");

String couponname = data.get("couponname");

String code = data.get("code");

String discount = data.get("discount");

String amount = data.get("amount");

String startdate = data.get("startdate");

String enddate = data.get("enddate");

String usespercoupon = data.get("usespercoupon");

String usespercustomer = data.get("usespercustomer");

//String expectedcouponmessage = data.get("expectedcouponmessage");
```

```
System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");

WebDriver driver = new ChromeDriver();

WebDriverWait wait=new WebDriverWait(driver, 60);

driver.manage().window().maximize();

driver.manage().timeouts().implicitlyWait(30,TimeUnit.SECONDS);

driver.get(url);
```

```
LoginPage login = new LoginPage(driver);

login.enterEmailAddress(email);

login.enterPassword(password);

login.clickOnLogin();
```

```
AdminPage apage=new AdminPage(driver, wait);

String actualTitle=apage.getCurrentTitle();


if(actualTitle.equals(expectedTitle))
{
    System.out.println("Test Passed");
    propFileHandler.setKeyAndValue(file, "TestResult", "Test Passed");
}
else
{
    System.out.println("Test failed");
    propFileHandler.setKeyAndValue(file, "TestResult", "Test Failed");
}


/*BannerPage bpage=new BannerPage(driver, wait);
bpage.addBanner();*/


CouponPage coupon = new CouponPage(driver);
coupon.clickOnLinkMarketing();
coupon.clickOnLinkCoupons();
coupon.clickOnIconAddNew();
coupon.enterCode(code);
coupon.clickOnType();
coupon.enterDiscount(discount);
coupon.enterAmount(amount);
```

```

        coupon.enterStartDate(startdate);

        coupon.enterEndDate(enddate);

        coupon.enterUsesPerCoupon(usespercoupon);

        coupon.enterUsesPerCustomer(usespercustomer);

        coupon.clickOnStatus();

        coupon.enterCouponName(couponname);

        coupon.clickOnIconSave();

        Thread.sleep(5000);

        coupon.validationOnRecord();


        //apage.clickOnLogOut();


        //driver.close();


        //excel data using dataprovider

        //run and check

        //sends data in excel one by one

/*@Test(dataProvider = "data")
public void testcase2(String user, String pwd){

        System.out.println(user);

        System.out.println(pwd);

}

@DataProvider(name="data")

public Object[][] data() throws IOException {

```

```

        return ExcelUtil.DataTable("./TestData/TestData.xlsx","LoginData");
    }*/

    }
}

package com.ibm.pages;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.Properties;

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.WebDriverWait;

public class CouponPage {

    WebDriver driver;
    WebDriverWait wait;

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

    //WebElement for link Marketing
    @FindBy(xpath="//i[@class='ti-share']")
    WebElement marketingEle;

    //WebElement for link Coupons
    @FindBy(xpath="//a[contains(text(),'Coupons')]")
    WebElement couponEle;

    //WebElement for icon Add New
    @FindBy(xpath="//a[@title='Add New']")
    WebElement addnewEle;

    //WebElement for field Coupon Name
    @FindBy(xpath="//input[@name='name']")
    WebElement cnameEle;

    //WebElement for field Code
    @FindBy(xpath="//input[@name='code']")

```

```

        WebElement codeEle;

//WebElement for field Type
        @FindBy(xpath="//select[@name='type']/option[1]")
        WebElement typeEle;

//WebElement for field Discount
        @FindBy(xpath="//input[@name='discount']")
        WebElement discEle;

//WebElement for field Minimum Amount
        @FindBy(xpath="//input[@name='min_amount']")
        WebElement amtEle;

//WebElement for field Start Date
        @FindBy(xpath="//input[@name='date_start']")
        WebElement startdateEle;

//WebElement for field End Date
        @FindBy(xpath="//input[@name='date_end']")
        WebElement enddateEle;

//WebElement for field Uses per Coupon
        @FindBy(xpath="//input[@name='uses_per_coupon']")
        WebElement upcoupEle;

//WebElement for field Uses per Customer
        @FindBy(xpath="//input[@name='uses_per_customer']")
        WebElement upcustEle;

//WebElement for field Status
        @FindBy(xpath="//select[@name='status']/option[1]")
        WebElement statusEle;

//WebElement for icon Save
        @FindBy(xpath="//button[@title='Save']")
        WebElement saveEle;

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

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

    public void clickOnLinkCoupons()
    {
        couponEle.click();
    }

    public void clickOnIconAddNew()
    {
        addnewEle.click();
    }

```



```
}

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

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

public void clickOnType()
{
    typeEle.click();
}

public void enterDiscount(String discount)
{
    discEle.sendKeys(discount);
}

public void enterAmount(String amount)
{
    amtEle.sendKeys(amount);
}

public void enterStartDate(String startdate)
{
    startdateEle.sendKeys(startdate);
}

public void enterEndDate(String enddate)
{
    enddateEle.sendKeys(enddate);
}

public void enterUsesPerCoupon(String usespercoupon)
{
    upcoupEle.sendKeys(usespercoupon);
}

public void enterUsesPerCustomer(String usespercustomer)
{
    upcustEle.sendKeys(usespercustomer);
}

public void clickOnStatus()
{
```

```

        statusEle.click();
    }

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

    public void validationOnRecord() throws FileNotFoundException, IOException
    {
        Properties p = new Properties();
        p.load(new FileInputStream("./TestData/magentodata.properties"));

        String pagesource = driver.getPageSource();

        if(pagesource.contains(p.getProperty("couponname"))) {
            System.out.println("The presence of added coupon is confirmed!");
        }
        else {
            System.out.println("The coupon is not added to the Coupon List");
        }
    }
}

```

```

#Test Result
#Fri Dec 14 16:50:14 IST 2018
code=ABC123
password=456789
couponname=Coupon_Rajendra
discount=15
imagepath=C:\\Users\\IBM_ADMIN\\Documents\\Training\\Selenium\\Proj
Day1\\SeleniumFramework\\TestData\\banner.jpg
url=http://atozgroceries.com/admin/
TestResult=Test Passed
usespercoupon=1
amount=1000
expectedbannermessage=Success\: You have successfully added banner\!
enddate=12/30/2018
email=demo@atozgroceries.com
usespercustomer=1
bannername=Banner_Rajendra
sortorder=1
expectedcouponmessage=Success\: You have successfully added new coupon\!
startdate=12/20/2018
expectedtitle=Dashboard | Admin Panel - Powered By A&S

```

Coupons | Admin Panel - Power...

https://atozgroceries.com/admin/coupons/tab?token=45c48cce2e2d7fbdea1afc51c7c6ad26

Chrome is being controlled by automated test software.

Logout

Dashboard

Catalog

Sales

Customers

Marketing

- Coupons
- Mail
- Push Notification

System

Reports

Coupons

+ / Home / Coupons

Success: You have successfully added new coupon!

Coupon List

Show 10 entries

CopyCSVExcelPDFPrint

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	30% OFF on ABV 3000	30ABV3000	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 1000	10ABV	10%	2018-12-14	2018-12-28	Enabled	Action
6	1% OFF RAMDHAN SPECIAL	RAM19	14%	0000-00-00	0000-00-00	Enabled	Action