1.Problem statement:

Process	Steps To Execute	Expected Results
	 Navigate to Systems section, returns Option Choose Return Reasons Under action button of Reason, 	
Edit Return Reasons	choose Edit 4. Edit the Reason	Validate the presence of modified reasons in the table

2. code with comments:

```
Login.Java Program:
package com.ibm.test;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.concurrent.TimeUnit;
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.FindBy;
import org.openqa.selenium.support.PageFactory;
import org.openga.selenium.support.ui.WebDriverWait;
import org.testng.Assert;
import org.testng.annotations.BeforeSuite;
import org.testng.annotations.Test;
import com.ibm.pages.AdminPage;
import com.ibm.utilities.PropertiesFileHandler;
public class Login extends AdminPage{
      @FindBy(name="email")
      WebElement emailEle;
      @FindBy(name="pword")
      WebElement passEle;
      @FindBy(xpath="/html/body/div/div/div/div[2]/form/button")
      WebElement loginEle;
      WebDriverWait wait;
      WebDriver driver;
      public Login(WebDriver driver, WebDriverWait wait) {
             PageFactory.initElements(driver, this);
```

```
this.driver=driver;
              this.wait=wait;
       }
       public void enterEmailAddress(String user)
              emailEle.sendKeys(user);
       }
       public void enterPassword(String password)
       {
              passEle.sendKeys(password);
       public void clickOnLogin()
              loginEle.click();
       }
}
AdminPage.java Program:
package com.ibm.pages;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.util.HashMap;
import java.util.Properties;
import java.util.concurrent.TimeUnit;
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.PageFactory;
import\ org. open qa. selenium. support.ui. WebDriver Wait;
import org.testng.Assert;
import org.testng.annotations.Test;
```

```
import com.ibm.test.Login;
import com.ibm.utilities.PropertiesFileHandler;
public class AdminPage{
       WebDriverWait wait;
       WebDriver driver;
       //PropertiesFileHandler propFileHandler;
       //HashMap<String, String> data;
               @Test
               public void testCase3() throws IOException, InterruptedException {
                       FileInputStream file = new FileInputStream("./TestData/data.properties");
                       Properties prop = new Properties();
                       prop.load(file);
                       String url = prop.getProperty("url");
                       String username = prop.getProperty("user");
                       String password = prop.getProperty("password");
                       System.setProperty("webdriver.chrome.driver", "./drivers/chromedriver.exe");
                       driver = new ChromeDriver();
                       wait = new WebDriverWait(driver, 60);
                       driver.get(url);
                       driver.manage().window().maximize();
                       driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
                       Login login = new Login(driver, wait);
                       login.enterEmailAddress(username);
                       login.enterPassword(password);
```

```
login.clickOnLogin();
                       WebElement systemEle=driver.findElement(By.linkText("System"));
                       systemEle.click();
                       WebElement returnsEle=driver.findElement(By.linkText("Returns"));
                       returnsEle.click();
                       WebElement returnsReasonEle=driver.findElement(By.linkText("Return
Reasons"));
                       returnsReasonEle.click();
                       Thread.sleep(3000);
                       WebElement actionEle=driver.findElement(By.cssSelector(".odd:nth-child(1)
.btn"));
                       actionEle.click();
                       WebElement editEle=driver.findElement(By.linkText("Edit"));
                       editEle.click();
                       WebElement nameField=driver.findElement(By.name("name"));
                       nameField.sendKeys("123");
                       WebElement saveEle=driver.findElement(By.cssSelector("i.fa.fa-save"));
                       saveEle.click();
                       Assert.assertTrue(driver.findElement(By.partialLinkText("123")).isDisplayed());
               }
```

```
//wait.until(ExpectedConditions.presenceOfElementLocated(By.partialLinkText("valid")));
}
```

Data.properties file:

```
url=https://atozgroceries.com/admin
user=demo@atozgroceries.com
password=456789
```

3. Explanation of the code:

I have created Login.java program with the Login details of the atozgroceries admin page which can be used in our Admin Page test cases. AdminPage.java is where I have used @Test and used TestNG to execute the program

4. Result flow in detail:

I have created Login.java program with the Login details of the atozgroceries admin page which can be used in our Admin Page test cases. AdminPage.java is where I have used @Test and used TestNG to execute the program

5. Output screenshot:

```
Selenium Projects - SeleniumFramework/src/com/ibm/pages/AdminPage.java - Eclipse IDE
  File Edit Source Refactor Navigate Search Project Run Window Help
 Package Explorer 🛭 🕒 锅 👂 🔻 🗖 🔯 data.properties 🔑 Login.java 🔑 AdminPage.java 🖾 🕩 TestCases.java
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 package com.ibm.pages;
                                                                                                                                    21
22 public class AdminPage{
23
24 WebDriverWai+ ....
                                                                                                                                     3 3 import java.io.FileInputStream;□

    SeleniumConcepts

■ SeleniumFramework

■ JRE System Library [jdk1.8.0_191]

■ ## src

■ ## com.ibm.pages
                                                                                                                                                        WebDriverWait wait;
WebDriver driver;
//PropertiesFileHandler propFileHandler;
//HashMap<String, String> data;

    AdminPage.java
    UserPage.java

▲ /# com.ibm.test

                  BE Outline ⊠ P □ P2 N N P P □
                                                                                                                                                                        public void testCase3() throws IOException, InterruptedException {
   FileInputStream file = new FileInputStream("./TestData/data.properties");
                                                                                                                                                                               Dale voia testases() throws lockeption, interrupreaexception (
fileinputStream file = new FileinputStream("./festData/data.properties");
Properties prop = new Properties();
prop. load(file);
String un' = prop.getProperty("url");
String un' = prop.getProperty("url");
String macword = prop.getProperty("password");
String macword = prop.getProperty("password = prop.get

    ExcelUtil.java
    JDBC_Connection.java
    PropertlesFileHandler.Java

                                                                                                                                                                                                                                                                                                                                                                                                                                                                   testCase3():void
            b Default suite
b junitreports
b old
bullet_point.png
                                                                                                                                                                                                                                                                                                                                                                                                                                  ) ( III
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Problems @ Javadoc  Declaration  Console  Results of running class AdminPa
                                                                                                                                          <terminated > AdminPage [TestNG] C:\Program Files\Java\jdk1.8.0_191\bin\javaw.exe (Dec 20, 2018, 8:44:49 PM)
                  collapseall.gif
                   emailable-report.html
                  • failed.png
• index.html
• jquery-1.7.1.min.js
                                                                                                                                                   Default test
Tests run: 1, Failures: 0, Skips: 0
                    navigator-bullet.png
                   passed.png
                   skipped.png
                   testng-reports.css
testng-reports.css
testng-reports.js
                    testng-results.xml
                  testng.css
```