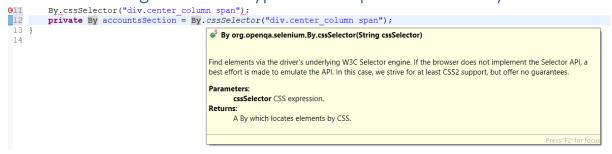
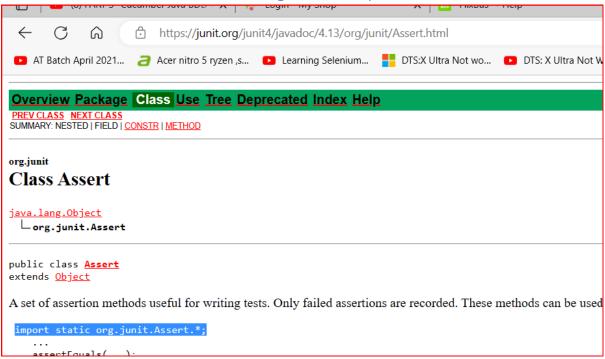
We are checking the return type and the parameter for By-



Sometimes common methods of all page class classes can be moved to a common package if needed.

Use this assert class as the testng one is deprecated-

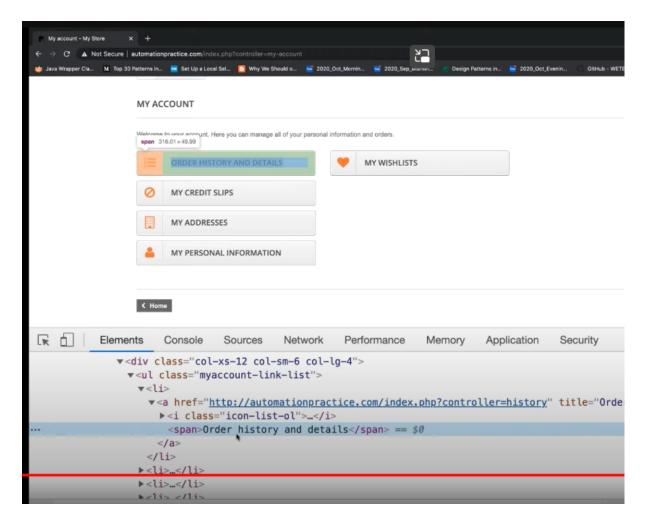


Assert (JUnit API)

When we run our test for first time we get assertion error-

Java is case sensitive. So expected and actual output not matching.

Selenium will always give preference to the visible text on the page and not the dom text, so we were getting the capitalization issue-



Accounts page code and its run-

```
Accounts feature file
Feature: account page feature
# we will use background here because we want the precondition that the
user should be logged in.
# if we change the hooks method and add the login there then out
loginpage.feature will be impacted.
Background:
Given user has already logged into application
|userName|password|
|cucumbertesting1960@gmail.com|Malaravi@123|
#since we dont want to parameterise the above background so we used data
table instead of examples.
Scenario: accounts page title
Given user is on accounts page
When user gets the title of the page
Then page title should be "My account - My Shop"
Scenario: account sections count
Given user is on accounts page
Then user gets accounts section on the page
#again we use data tables to pass in the data and check if all ok
# we dont want to parameterise, just verification of data
```

```
|ADD MY FIRST ADDRESS|
|ORDER HISTORY AND DETAILS|
|MY CREDIT SLIPS|
|MY ADDRESSES|
|MY PERSONAL INFORMATION|
| Home |
And account section page should have count as 6
Account steps-
package stepDefinitions;
import java.util.List;
import java.util.Map;
import org.junit.Assert;
import com.pages.AccountPageObject;
import com.pages.LoginPageObject;
import com.qa.factory.DriverFactory;
import io.cucumber.datatable.DataTable;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
public class AccountPageSteps {
      private LoginPageObject loginPageObject=new
LoginPageObject(DriverFactory.getDriver());
     private AccountPageObject accountPageObject;
      @Given("user has already logged into application")
      public void user has already logged into application(DataTable
credTable) {
          List<Map<String, String>> credList=credTable.asMaps(); //as
maps returns list of map which contains two string
          //arguments.
          //get(0) will give the first map pair of strings. from that
first map pair we pass the key and get the value.
          //in our case the first map pair will be username and password.
          String userName=credList.get(0).get("userName");
          String password=credList.get(0).get("password");
DriverFactory.getDriver().get("http://www.automationpractice.pl/index.php
?controller=authentication&back=my-account");
          accountPageObject=loginPageObject.doLogin(userName, password);
      }
      @Given("user is on accounts page")
      public void user_is_on_accounts_page() {
       String pageTitle= accountPageObject.getAccountPageTitle();
       System.out.println("accounts page title is " + pageTitle);
      @Then("user gets accounts section on the page")
      public void user gets accounts section on the page (DataTable
sectionsList) {
            List<String> expectedAccountSectionList=
sectionsList.asList();
            System.out.println("expected account section list is " +
expectedAccountSectionList);
```

```
List<String> actualAccountSectionList =
accountPageObject.getAccountsSectionList();
            System.out.println("actual account section list is " +
actualAccountSectionList);
      Assert.assertTrue(expectedAccountSectionList.containsAll(actualAcco
untSectionList));
      @Then("account section page should have count as {int}")
      public void account section page should have count as (Integer
expectedAccountSectionCount) {
Assert.assertTrue(accountPageObject.getAccountSectionCount() == expectedAcc
ountSectionCount);
Account page object-
package com.pages;
import java.util.ArrayList;
import java.util.List;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import com.qa.factory.DriverFactory;
public class AccountPageObject {
      private WebDriver driver;
      //we will create a list of objects and capture the text from the
account section.
      private By accountsSection = By.cssSelector("div.center column
span");
      public AccountPageObject(WebDriver driver) {
            this.driver=driver;
      public int getAccountSectionCount() {
            return driver.findElements(accountsSection).size();
      public List<String> getAccountsSectionList() {
            List<String> accountsList=new ArrayList<>();
            List<WebElement>
accountsHeadersList=driver.findElements(accountsSection);
            //using for each we capture the text and store element in new
array list
            for (WebElement e:accountsHeadersList) {
                  String accountText=e.getText();
                  System.out.println(accountText);
                  accountsList.add(accountText);
            return accountsList; //to return the list of strings which is
easy to manipulate, first we created
```

```
//list of web elements and then captured the text,
new list and return the new list.
        * this will return the title of the accounts page
       public String getAccountPageTitle() {
               return driver.getTitle();
       }
Login page object-
package com.pages;
import org.openqa.selenium.By;
import org.openga.selenium.WebDriver;
public class LoginPageObject {
       // every page object will have by locators, constructor and page actions.
       private WebDriver driver; // every class will have this webdriver.
       // 1. by locators.
       // by locators are also known as object repositories.
       private By emailID = By.id("email");
       private By password = By.id("passwd");
       private By signInButton = By.id("SubmitLogin");
       private By forgotPasswordLink = By.linkText("Forgot your password?1111");
       // 2.constructor of the page class
       public LoginPageObject(WebDriver driver) {
               this.driver = driver;
       }
       // page classes should not have assertion.
       // assertion should be written in test class or step def class.
       // 3. page actions: features (behaviour) of the page in the form of methods.
       public String getLoginPageTitle() {
               return driver.getTitle();
       }
       public boolean isForgotPasswordLinkPresent() {
               return driver.findElement(forgotPasswordLink).isDisplayed();
       }
       public void enterUserName(String userName) {
               driver.findElement(emailID).sendKeys(userName);
```

```
public void enterPassword(String pwd) {
               driver.findElement(password).sendKeys(pwd);
       }
       public void clickOnSignInButton() {
               driver.findElement(signInButton).click();
       // in step def do not maintain by locators and page methods. its ugly
       // programming.
       // in page object, selenium code should be written in page class.
       // we will write one combine method for login which will take in username,
       // password and login button click
       public AccountPageObject doLogin(String un, String pwd) {
               System.out.println("login with " + un + "pwd " + pwd);
               driver.findElement(emailID).sendKeys(un);
               driver.findElement(password).sendKeys(pwd);
               driver.findElement(signInButton).click();
               return new AccountPageObject(driver); // this is called page chaining concept.
               //do login gives accounts page once logged in.
       }
       //according to page object model, when a method is landing you to next page from the
current one
       //then it is that methods responsibility to give you the object of that landing (new) page.
       //this is page chaining concept used in frameworks.
Test runner-
package com.myTestRunner;
import org.junit.runner.RunWith;
import io.cucumber.junit.Cucumber;
import io.cucumber.junit.CucumberOptions;
@RunWith(Cucumber.class)
@CucumberOptions(
               features = { "src/test/resources/appFeatures/AccountPage.feature" },
glue = { "stepDefinitions", "appHooks" },
plugin = { "pretty" }
public class MyTestRunner {
```

output-

Junit output-

```
Finished after 21.236 seconds

Runs: 2/2  Errors: 0  Failures: 0

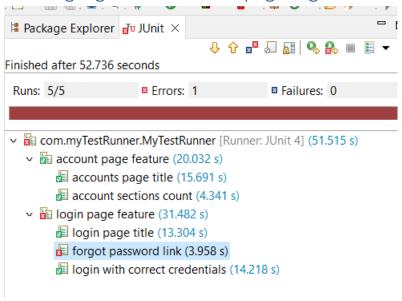
v com.myTestRunner.MyTestRunner [Runner: JUnit 4] (20.057 s)
v account page feature (20.057 s)
accounts page title (15.979 s)
account sections count (4.078 s)
```

Console output-

```
<terminated> MyTestRunner [JUnit] C:\Program Files\Java\jdk1.8.0_202\bin\javaw.exe (03-Jul-2023, 9
                                                    # src/test/resou
Scenario: accounts page title
browser value ischrome
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for f
Starting ChromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae123f36f6
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-consideration
ChromeDriver was started successfully.
Jul 03, 2023 9:30:02 AM org.openqa.selenium.remote.ProtocolHandshak
INFO: Detected dialect: W3C
login with cucumbertesting1960@gmail.compwd Malaravi@123
 Given user has already logged into application
                                                   # stepDefinition
(io.cucumber.datatable.DataTable)
accounts page title is My account - My Shop
 Given user is on accounts page
                                                    # stepDefinition
page title is My account - My Shop
 When user gets the title of the page
                                                    # stepDefinition
  Then page title should be "My account - My Shop" # stepDefinition
```

```
Scenario: account sections count
                                                       # src/test/resources/appFeatures/AccountPage.feature:18
browser value ischrome
prowser value ischrome
Starting (hromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae123f36f6263096ae49-refs/branch-heads/5735@{#1052}) on port 17794
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 03, 2023 9:30:18 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
login with cucumbertesting1960@cmail.compwd Malaravi@123
Given user has already logged into application # stepDefinitions.AccountPageSteps.user_has_already_logged_into_application (io.cucumber.datatable.DataTable)
accounts page title is My account - My Shop
                                                         # stepDefinitions.AccountPageSteps.user is on
expected account section list is [ADD MY FIRST ADDRESS, ORDER HISTORY AND DETAILS, MY CREDIT SLIPS, MY ADDRESSES, MY PERSONAL INFORMATION,
ADD MY FIRST ADDRESS
ORDER HISTORY AND DETAILS
MY CREDIT SLIPS
MY ADDRESSES
MY PERSONAL INFORMATION
Home
actual account section list is [ADD MY FIRST ADDRESS, ORDER HISTORY AND DETAILS, MY CREDIT SLIPS, MY ADDRESSES, MY PERSONAL INFORMATION,
  # stepDefinitions.AccountPageSteps.user_gets_accounts_section_on_the_page
  io.cucumber.datatable.DataTable)
And account section page should have count as 6 # stepDefinitions.AccountPageSteps.account_section_page_should_have_count_as
(java.lang.Integer)
```

Running login and accounts page together-



It runs in alphabetical order of page names. So, account page will run first followed by login page.

Now let's run login and accounts page together-

In runner just modify the feature file line.

Junit console-

```
Finished after 55.437 seconds

Runs: 5/5

□ Errors: 1

□ Failures: 0

□ Com.myTestRunner.MyTestRunner [Runner: JUnit 4] (53.799 s)

□ account page feature (20.650 s)

□ accounts page title (16.337 s)

□ account sections count (4.313 s)

□ login page feature (33.148 s)

□ login page title (13.803 s)

□ forgot password link (5.268 s)

□ login with correct credentials (14.076 s)
```

Console-

```
# src/test/1
Scenario: accounts page title
browser value ischrome
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder'
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder 1
Starting ChromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae1231
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considera
ChromeDriver was started successfully.
Jul 04, 2023 7:43:25 AM org.openga.selenium.remote.ProtocolHanc
INFO: Detected dialect: W3C
login with cucumbertesting1960@gmail.compwd Malaravi@123
  Given user has already logged into application # stepDefin:
(io.cucumber.datatable.DataTable)
accounts page title is My account - My Shop
 Given user is on accounts page
                                                   # stepDefin:
page title is My account - My Shop
  When user gets the title of the page
                                                   # stepDefin:
  Then page title should be "My account - My Shop" # stepDefin:
```

```
Scenario: account sections count
                                                               # src/test/resources/appFeatures/AccountPage.feature:18
browser value ischrome
Starting ChromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae123f36f6263096ae49-refs/branch-heads/5735@{#1052}) on port 34611
Only local connections are allowed.

Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.

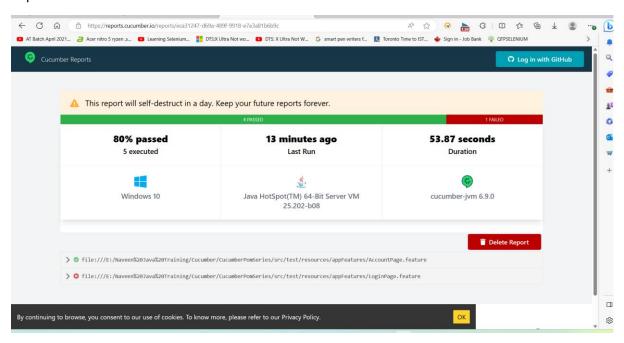
ChromeDriver was started successfully.
Jul 04, 2023 7:43:40 AM org.openqa.selenium.remote.ProtocolHandshake createSession

INFO: Detected dialect: W3C
Given user has already logged into application # stepDefinitions.AccountPageSteps.user_has_already_logged_into_application (io.cucumber.datatable.DataTable)
accounts page title is My account - My Shop
Given user is on accounts page  # stepDefinitions.AccountPageSteps.user_is_on_accounts_page()
expected account section list is [ADD MY FIRST ADDRESS, ORDER HISTORY AND DETAILS, MY CREDIT SLIPS, MY ADDRESSES, MY PERSONAL INFORMATION,
ADD MY FIRST ADDRESS
ORDER HISTORY AND DETAILS
MY CREDIT SLIPS
MY ADDRESSES
MY PERSONAL INFORMATION
actual account section list is [ADD MY FIRST ADDRESS, ORDER HISTORY AND DETAILS, MY CREDIT SLIPS, MY ADDRESSES, MY PERSONAL INFORMATION,
   Then user gets accounts section on the page
                                                               # stepDefinitions.AccountPageSteps.user_gets_accounts_section_on_the_page
(io.cucumber.datatable.DataTable)
   And account section page should have count as 6 # stepDefinitions.AccountPageSteps.account_section_page_should_have_count_as
(java.lang.Integer)
```

```
Scenario: login page title # src/test/res
browser value ischrome
Starting ChromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae1
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-consid
ChromeDriver was started successfully.
Jul 04, 2023 7:43:44 AM org.openqa.selenium.remote.ProtocolH
INFO: Detected dialect: W3C
Given user is on login page # stepDefiniti
page title is Login - My Shop
When user gets the title of the page # stepDefiniti
Then page title should be "Login - My Shop" # stepDefiniti
```

```
Embedding forgot password link [image/png 158345 bytes]
Scenario: login with correct credentials
                                                                # src/test/resources/appFeat
browser value ischrome
Starting ChromeDriver 114.0.5735.90 (386bc09e8f4f2e025eddae123f36f6263096ae49-refs/branch-h
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on kee
ChromeDriver was started successfully.
Jul 04, 2023 7:44:03 AM org.openga.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
 Given user is on login page
                                                                # stepDefinitions.LoginPageS
 When user enters username as "cucumbertesting1960@gmail.com" # stepDefinitions.LoginPage%
 And user enters password as "Malaravi@123"
                                                                # stepDefinitions.LoginPages
 And user clicks on login button
                                                                # stepDefinitions.LoginPage:
page title is My account - My Shop
                                                                # stepDefinitions.LoginPage$
  Then user gets the title of the page
  And page title should be "My account - My Shop"
                                                                # stepDefinitions.LoginPageS
  View your Cucumber Report at:
 https://reports.cucumber.io/reports/eca31247-d69a-489f-9918-e7e3a81b6b9c
 This report will self-destruct in 24h.
 Keep reports forever: https://reports.cucumber.io/profile
                                                    Writable
                                                                      Smart Insert
                                                                                      18:1[
```

Report link-



Scenario: forgot password link

☑ Given user is on login page Then forgot your password link should be displayed org.openqa.selenium.NoSuchElementException: no such element: Unable to locate element: {"method":"link text", "selector":"Forgot your password?1111"} (Session info: chrome=114.0.5735.199) For documentation on this error, please visit: https://www.seleniumhq.org/exceptions/no_such_element.html
Build info: version: '3.141.59', revision: 'e82be7d358', time: '2018-11-14708:17:03'
System info: host: 'LAPTOP-H560VJTV', ip: '192.168.0.16', os.name: 'Windows 10', os.arch: 'amd64', os.version: '10.0', java.version: '1.8.0_202' ${\tt Driver \ info: \ org.openqa.selenium.chrome.ChromeDriver}$

Capabilities (acceptInsecureCerts: false, browserName: chrome, browserVersion: 114.0.5735.199, chrome: {chromedriverVersion: 114.0.5735.90 (386bc09e8f4f..., userDataDir: C:\Users\karan\AppData\Loca...}, goog:chromeOptions: {debuggerAddress: localhost:65029}, javascriptEnabled: true, networkConnectionEnabled: false, pageLoadStrategy: normal, platform: WINDOWS, platformName: WINDOWS, proxy: Proxy(), setWindowRect: true, strictFileInteractability: false, timeouts: {implicit: 0, pageLoad: 300000, script: 30000}, unhandledPromptBehavior: dismiss and notify, webauthn:extension:credBlob: true, webauthn:extension:largeBlob: true, webauthn:extension:minPinLength: true, webauthn:extension:prf: true, webauthn:virtualAuthenticators: true} Session ID: 8d5682c74f3ba2e08824808fbe80f404 *** Element info: {Using=link text, value=Forgot your password?1111} at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)

 $at \verb| sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:62)| \\$

at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)

at java.lang.reflect.Constructor.newInstance(Constructor.java:423)

at org. open qa.selenium. remote. http. W3CHttpResponseCodec. createException (W3CHttpResponseCodec.java:187)at org.openqa.selenium.remote.http.W3CHttpResponseCodec.decode(W3CHttpResponseCodec.java:122)

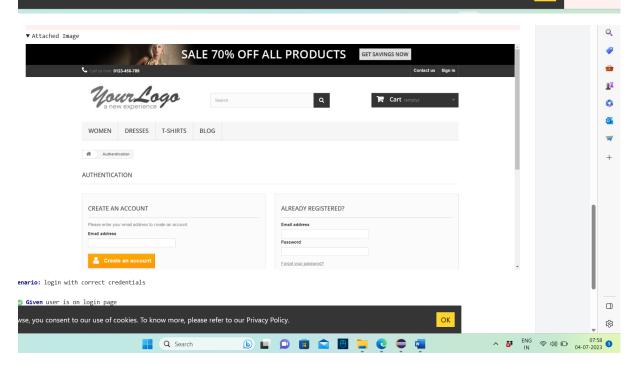
at org. open qa.selenium. remote. http. W3 CHttpResponse Codec. decode (W3 CHttpResponse Codec. java: 49)

at org.openqa.selenium.remote.HttpCommandExecutor.execute(HttpCommandExecutor.java:158) at org. open qa. selenium. remote. service. Driver Command Executor. execute (Driver Command Executor. java: 83)

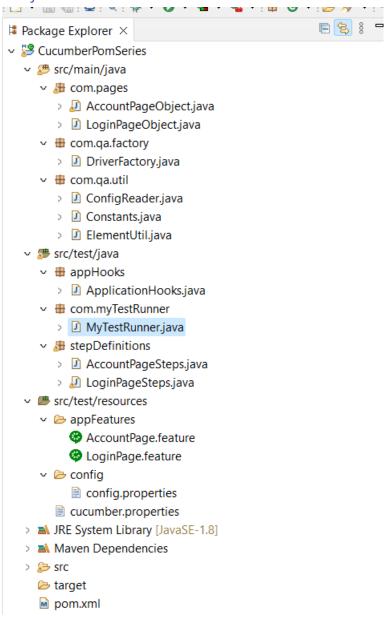
at org.openga.selenium.remote.RemoteWebDriver.execute(RemoteWebDriver.java:552)

at org.openqa.selenium.remote.RemoteWebDriver.findElement(RemoteWebDriver.java:323)

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Project structure-



Codes from this lecture-

Account page featureFeature: account page feature # we will use background here because we want the precondition that the user should be logged in. # if we change the hooks method and add the login there then out loginpage.feature will be impacted. Background: Given user has already logged into application |userName|password| |cucumbertesting1960@gmail.com|Malaravi@123| #since we dont want to parameterise the above background so we used data table instead of examples.

```
Scenario: accounts page title
Given user is on accounts page
When user gets the title of the page
Then page title should be "My account - My Shop"
Scenario: account sections count
Given user is on accounts page
Then user gets accounts section on the page
#again we use data tables to pass in the data and check if all ok
# we dont want to parameterise, just verification of data
|ADD MY FIRST ADDRESS|
|ORDER HISTORY AND DETAILS|
|MY CREDIT SLIPS|
|MY ADDRESSES|
|MY PERSONAL INFORMATION|
| Home |
And account section page should have count as 6
Account page steps-
package stepDefinitions;
import java.util.List;
import java.util.Map;
import org.junit.Assert;
import com.pages.AccountPageObject;
import com.pages.LoginPageObject;
import com.qa.factory.DriverFactory;
import io.cucumber.datatable.DataTable;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
public class AccountPageSteps {
      private LoginPageObject loginPageObject=new
LoginPageObject(DriverFactory.getDriver());
      private AccountPageObject accountPageObject;
      @Given("user has already logged into application")
      public void user has already logged into application(DataTable
credTable) {
          List<Map<String, String>> credList=credTable.asMaps(); //as
maps returns list of map which contains two string
          //arguments.
          //get(0) will give the first map pair of strings. from that
first map pair we pass the key and get the value.
          //in our case the first map pair will be username and password.
          String userName=credList.get(0).get("userName");
          String password=credList.get(0).get("password");
DriverFactory.getDriver().get("http://www.automationpractice.pl/index.php
?controller=authentication&back=my-account");
          accountPageObject=loginPageObject.doLogin(userName, password);
      }
      @Given("user is on accounts page")
      public void user is on accounts page() {
       String pageTitle= accountPageObject.getAccountPageTitle();
       System.out.println("accounts page title is " + pageTitle);
```

```
@Then("user gets accounts section on the page")
      public void user gets accounts section on the page (DataTable
sectionsList) {
            List<String> expectedAccountSectionList=
sectionsList.asList();
            System.out.println("expected account section list is " +
expectedAccountSectionList);
            List<String> actualAccountSectionList =
accountPageObject.getAccountsSectionList();
            System.out.println("actual account section list is " +
actualAccountSectionList);
      Assert.assertTrue(expectedAccountSectionList.containsAll(actualAcco
untSectionList));
      }
      @Then("account section page should have count as {int}")
      public void account section page should have count as (Integer
expectedAccountSectionCount) {
Assert.assertTrue(accountPageObject.getAccountSectionCount() == expectedAcc
ountSectionCount);
      }
Accounts page object-
package com.pages;
import java.util.ArrayList;
import java.util.List;
import org.openga.selenium.By;
import org.openga.selenium.WebDriver;
import org.openga.selenium.WebElement;
import com.qa.factory.DriverFactory;
public class AccountPageObject {
      private WebDriver driver;
      //we will create a list of objects and capture the text from the
account section.
      private By accountsSection = By.cssSelector("div.center column
span");
      public AccountPageObject(WebDriver driver) {
            this.driver=driver;
      public int getAccountSectionCount() {
            return driver.findElements(accountsSection).size();
      public List<String> getAccountsSectionList() {
            List<String> accountsList=new ArrayList<>();
            List<WebElement>
accountsHeadersList=driver.findElements(accountsSection);
```

```
//using for each we capture the text and store element in new
array list
              for (WebElement e:accountsHeadersList) {
                     String accountText=e.getText();
                     System.out.println(accountText);
                     accountsList.add(accountText);
              }
              return accountsList; //to return the list of strings which is
easy to manipulate, first we created
              //list of web elements and then captured the text, store in
new list and return the new list.
      }
        * this will return the title of the accounts page
        * @return
       public String getAccountPageTitle() {
             return driver.getTitle();
       }
Login page object-
package com.pages;
import org.openga.selenium.By;
import org.openga.selenium.WebDriver;
public class LoginPageObject {
       // every page object will have by locators, constructor and page actions.
       private WebDriver driver; // every class will have this webdriver.
       // 1. by locators.
       // by locators are also known as object repositories.
       private By emailID = By.id("email");
       private By password = By.id("passwd");
       private By signInButton = By.id("SubmitLogin");
       private By forgotPasswordLink = By.linkText("Forgot your password?1111");
       // 2.constructor of the page class
       public LoginPageObject(WebDriver driver) {
              this.driver = driver;
       }
       // page classes should not have assertion.
       // assertion should be written in test class or step def class.
       // 3. page actions: features (behaviour) of the page in the form of methods.
       public String getLoginPageTitle() {
              return driver.getTitle();
       }
```

```
public boolean isForgotPasswordLinkPresent() {
               return driver.findElement(forgotPasswordLink).isDisplayed();
       public void enterUserName(String userName) {
               driver.findElement(emailID).sendKeys(userName);
       }
       public void enterPassword(String pwd) {
               driver.findElement(password).sendKeys(pwd);
       }
       public void clickOnSignInButton() {
               driver.findElement(signInButton).click();
       }
       // in step def do not maintain by locators and page methods. its ugly
       // programming.
       // in page object, selenium code should be written in page class.
       // we will write one combine method for login which will take in username,
       // password and login button click
       public AccountPageObject doLogin(String un, String pwd) {
               System.out.println("login with " + un + "pwd " + pwd);
               driver.findElement(emailID).sendKeys(un);
               driver.findElement(password).sendKeys(pwd);
               driver.findElement(signInButton).click();
               return new AccountPageObject(driver); // this is called page chaining concept.
               //do login gives accounts page once logged in.
       }
       //according to page object model, when a method is landing you to next page from the
current one
       //then it is that methods responsibility to give you the object of that landing (new) page.
       //this is page chaining concept used in frameworks.
Test runner-
package com.myTestRunner;
import org.junit.runner.RunWith;
import io.cucumber.junit.Cucumber;
import io.cucumber.junit.CucumberOptions;
@RunWith(Cucumber.class)
@CucumberOptions(
               features = { "src/test/resources/appFeatures/" },
glue = { "stepDefinitions", "appHooks" },
plugin = { "pretty" }
```

```
)
public class MyTestRunner {
}
```