1. Create 2 test cases, disable one using enabled = false, and run only the active test. package Testng\_package;

import org.openqa.selenium.By; 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.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass; import org.testng.annotations.Test;

public class Pause { WebDriver driver;

@BeforeClass

public void beforeClass() { driver=new ChromeDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

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

}

@Test(enabled=true)

public void login() throws InterruptedException {

WebElement login=driver.findElement(By.xpath("//\*[@id=\"gh\"]/nav/div[1]/span[1]/span/a"));

login.click(); Thread.sleep(15000);

WebElement name=driver.findElement(By.id("userid")); name.sendKeys("[ashwin.jampana0706@gmail.com"](mailto:ashwin.jampana0706@gmail.com%22)); driver.findElement(By.id("signin-continue-btn")).click(); Thread.sleep(3000);

WebElement pass=driver.findElement(By.id("pass")); pass.sendKeys("ashwin123"); driver.findElement(By.id("sgnBt")).click(); Thread.sleep(4000);

}

@Test(enabled=false)

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","Iphone","Macbook"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER); Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000);

driver.findElement(By.id("gh-logo")).click();

}

@Test(enabled=true)

public void logout() throws InterruptedException {

WebElement elementToHover = driver.findElement(By.cssSelector("span>div[class=\"gh- flyout is-left-aligned\"]"));

Actions actions = new Actions(driver); actions.moveToElement(elementToHover).build().perform(); Thread.sleep(5000); driver.findElement(By.cssSelector("a[\_sp=\"m570.l2622\"]")).click(); Thread.sleep(5000);

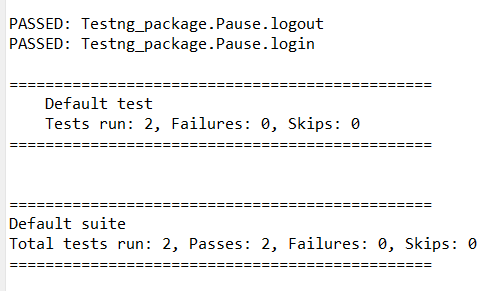
}

@AfterClass

public void afterClass(){ driver.close();

}

}



1. Write a test to run the same test multiple times. package Testng\_package;

import org.openqa.selenium.By; 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.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass; import org.testng.annotations.Test;

public class Repeattest { WebDriver driver;

@BeforeClass

public void beforeClass() { driver=new ChromeDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

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

}

@Test(invocationCount = 2)

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","phone","laptop"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER); Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000); driver.findElement(By.id("gh-logo")).click();

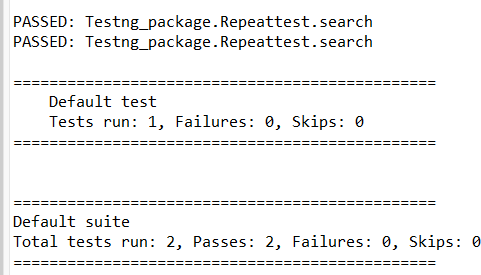
}

@AfterClass

public void afterClass(){ driver.close();

}

}



1. Write test cases for a dummy login page using @Parameters in testng.xml. package Testng\_package;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver; import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver; import org.testng.annotations.AfterTest;

import org.testng.annotations.BeforeTest; import org.testng.annotations.Optional; import org.testng.annotations.Parameters; import org.testng.annotations.Test;

public class LoginTest { WebDriver driver;

@BeforeTest

public void setup() {

driver = new ChromeDriver(); driver.manage().window().maximize();

}

@Test

@Parameters({"username", "password"})

public void testLogin(@Optional("username") String username, @Optional("password") String password) throws InterruptedException {

System.out.println("Username: " + username + "Password: " + password);

driver.get("<http://zero.webappsecurity.com/login.html>");

WebElement usr = driver.findElement(By.id("user\_login")); usr.clear();

usr.sendKeys(username);

WebElement psw = driver.findElement(By.id("user\_password")); psw.clear();

psw.sendKeys(password);

driver.findElement(By.cssSelector("input[name=\"submit\"]")).click();

}

@AfterTest

public void tearDown() {

driver.quit();

}

}

Xml file

<suite name="parameterSuite">

<test name="plugintest">

<parameter name="username" value="admin" />

<parameter name="password" value="admin@123" />

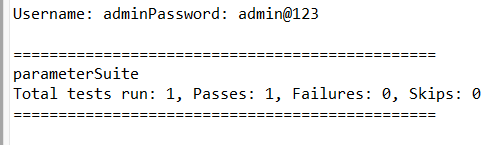
<classes>

<class name="Testng\_package.LoginTest"/>

</classes>

</test>

</suite>



1. Write dependent test cases:

login()

search Product() (depends on login)

logout() (depends on search).

package Testng\_package;

import org.openqa.selenium.By; 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.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

public class Depends { WebDriver driver;

@BeforeClass

public void beforeClass() { driver=new ChromeDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

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

}

@Test

public void login() throws InterruptedException {

WebElement login=driver.findElement(By.xpath("//\*[@id=\"gh\"]/nav/div[1]/span[1]/span/a"));

login.click(); Thread.sleep(10000);

WebElement name=driver.findElement(By.id("userid")); name.sendKeys("[ashwin.jampana0706@gmail.com"](mailto:ashwin.jampana0706@gmail.com%22)); driver.findElement(By.id("signin-continue-btn")).click(); Thread.sleep(3000);

WebElement pass=driver.findElement(By.id("pass")); pass.sendKeys("suG!i\_399AN.PLN"); driver.findElement(By.id("sgnBt")).click(); Thread.sleep(4000);

}

@Test(dependsOnMethods="login")

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","phone","laptop"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER); Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000); driver.findElement(By.id("gh-logo")).click();

}

@Test(dependsOnMethods="login")

public void logout() throws InterruptedException {

WebElement elementToHover = driver.findElement(By.cssSelector("span>div[class=\"gh- flyout is-left-aligned\"]"));

Actions actions = new Actions(driver); actions.moveToElement(elementToHover).build().perform(); Thread.sleep(5000); driver.findElement(By.cssSelector("a[\_sp=\"m570.l2622\"]")).click(); Thread.sleep(5000);

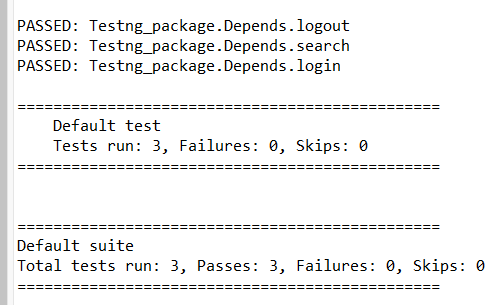
}

@AfterClass

public void afterClass(){ driver.close();

}

}



1. Use Data Provider to supply multiple sets of usernames/passwords to a login test. package Testng\_package;

import java.io.FileInputStream; import java.io.IOException;

import org.apache.poi.ss.usermodel.Cell;

import org.apache.poi.ss.usermodel.Row; import org.apache.poi.ss.usermodel.Sheet; import org.apache.poi.ss.usermodel.Workbook;

import org.apache.poi.ss.usermodel.WorkbookFactory; import org.openqa.selenium.By;

import org.openqa.selenium.Keys; import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver; import org.testng.annotations.DataProvider;

import org.testng.annotations.Test;

public class ExcelTest {

@DataProvider(name="excelData")

public Object[][] excelDataProvider() throws IOException{ String excelpath="src/test/resources/TestData.xlsx"; String sheetname="Sheet1";

FileInputStream fis=new FileInputStream(excelpath); Workbook workbook=WorkbookFactory.create(fis); Sheet sheet =workbook.getSheet(sheetname);

int rows=sheet.getPhysicalNumberOfRows(); int cols=sheet.getRow(0).getLastCellNum();

Object[][] data=new Object[rows-1][cols];

for(int i=1;i<rows;i++) { Row row=sheet.getRow(i); for(int j=0;j<cols;j++) { Cell cell=row.getCell(j);

data[i-1][j]=(cell==null)? "":cell.toString();

}

}

workbook.close(); fis.close();

return data;

}

@Test(dataProvider="excelData")

public void testLogin(String username,String password) throws InterruptedException { System.out.println("Username: "+username+" |Password: "+password);

WebDriver driver=new ChromeDriver(); driver.get("<http://zero.webappsecurity.com/login.html>"); WebElement usr=driver.findElement(By.id("user\_login")); usr.sendKeys(username);

WebElement psw=driver.findElement(By.id("user\_password")); psw.sendKeys(password); driver.findElement(By.cssSelector("input[name=\"submit\"]")).click();

// System.out.println("Search for "+s);

// WebDriver driver=new ChromeDriver();

// driver.get("<http://zero.webappsecurity.com/index.html>");

// WebElement sr=driver.findElement(By.id("searchTerm"));

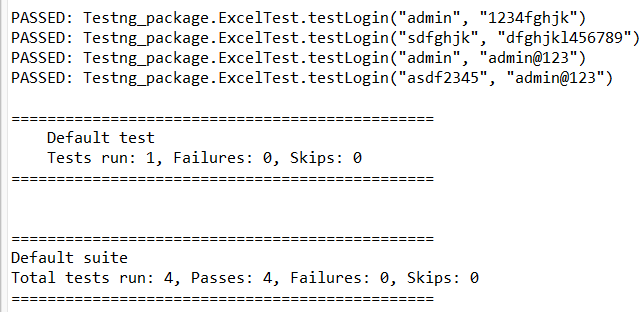
// sr.sendKeys(s);

// sr.sendKeys(Keys.ENTER);

// Thread.sleep(3000); driver.close();

}

}



1. Run test cases in parallel (methods, classes, tests) using parallel attribute in testng.xml.

<suite name="ParallelSuite" parallel="classes" thread-count="3">

<test name="ParallelTestExecution">

<classes>

<class name="Testng\_package.pt"/>

<class name="Testng\_package.ebay\_fox"/>

<class name="Testng\_package.ebay\_ed"/>

</classes>

</test>

</suite>

Pt

package Testng\_package;

import org.openqa.selenium.By; 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.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass; import org.testng.annotations.Test;

public class pt { WebDriver driver;

@BeforeClass

public void beforeClass() { driver=new ChromeDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

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

}

@Test

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","phone","laptop"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER); Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000); driver.findElement(By.id("gh-logo")).click();

}

@AfterClass

public void afterClass(){ driver.close();

}

}

Ebay\_fox

package Testng\_package;

import org.openqa.selenium.By; import org.openqa.selenium.Keys;

import org.openqa.selenium.WebDriver; import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver; import org.openqa.selenium.interactions.Actions; import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass; import org.testng.annotations.Test;

public class ebay\_fox { WebDriver driver;

@BeforeClass

public void beforeClass() { driver=new FirefoxDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

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

}

@Test

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","phone","laptop"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER); Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000);

driver.findElement(By.id("gh-logo")).click();

}

@AfterClass

public void afterClass(){ driver.close();

}

}

Ebay\_ed

package Testng\_package;

import org.openqa.selenium.By; 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.edge.EdgeDriver; import org.openqa.selenium.interactions.Actions; import org.testng.annotations.AfterClass;

import org.testng.annotations.BeforeClass; import org.testng.annotations.Test;

public class ebay\_ed{ WebDriver driver;

@BeforeClass

public void beforeClass() {

System.setProperty("webdriver.edge.driver", "C:\\Users\\user\\Desktop\\New folder\\edgedriver\_win64\\msedgedriver.exe");

driver =new EdgeDriver(); driver.get("https://[www.ebay.com/](http://www.ebay.com/)"); driver.manage().window().maximize();

}

@Test

public void search() throws InterruptedException { driver.get("https://[www.ebay.com/](http://www.ebay.com/)");

WebElement search=driver.findElement(By.id("gh-ac"));

String[] searches= {"watch","phone","laptop"}; for(String s:searches) {

search.sendKeys(s); search.sendKeys(Keys.ENTER);

Thread.sleep(3000); search=driver.findElement(By.id("gh-ac")); search.clear();

}

Thread.sleep(3000); driver.findElement(By.id("gh-logo")).click();

}

@AfterClass

public void afterClass(){ driver.close();

}

}

