Day\_26\_Task:

1.create test cases, disable one using enabled=false, and run only the active test.

package Asserts\_demo;

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.Assert;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Test;

public class TestNG\_Prac {

WebDriver driver;

@BeforeTest

public void beforeTest() throws InterruptedException {

driver=new ChromeDriver();

driver.get("https://www.ebay.com");

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

Thread.sleep(2000);

}

@Test(priority=1)

public void login() throws InterruptedException {

WebElement login=driver.findElement(By.linkText("Sign in"));

login.click();

Thread.sleep(8000);

WebElement sing=driver.findElement(By.id("userid"));

sing.sendKeys("swapnaankireddy92@gmail.com");

Thread.sleep(5000);

WebElement cont=driver.findElement(By.id("signin-continue-btn"));

cont.click();

Thread.sleep(5000);

WebElement password=driver.findElement(By.id("pass"));

password.sendKeys("s1234567s");

Thread.sleep(3000);

WebElement signin=driver.findElement(By.id("sgnBt"));

signin.click();

Thread.sleep(2000);

}

@Test (priority=2,dependsOnMethods = {"login"})

public void search() throws InterruptedException {

String searchitem[]= {"watch","phone","book"};

for(String item:searchitem) {

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

search.clear();

search.sendKeys(item);

search.sendKeys(Keys.ENTER);

Thread.sleep(1000);

}

}

@Test (priority=3,dependsOnMethods = {"search"},enabled=false)

public void logout() throws InterruptedException {

Actions actions=new Actions(driver);

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

actions.moveToElement(ele).perform();

Thread.sleep(1000);

driver.findElement(By.xpath("//\*[@id=\"s0-1-4-9-3[0]-0-9-dialog\"]/div/div/ul/li[3]/a")).click();

}

}

Output:

Default suite

Total tests run: 2, Passes: 2, Failures: 0, Skips: 0

2.write a test to run same test multiple times.

package Asserts\_demo;

import org.testng.annotations.Test;

import org.testng.annotations.BeforeTest;

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.AfterTest;

public class Task2 {

WebDriver driver;

@BeforeTest

public void beforeTest() throws InterruptedException {

driver=new ChromeDriver();

driver.get("https://www.ebay.com");

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

Thread.sleep(2000);

}

@Test(priority=1)

public void login() throws InterruptedException {

WebElement login=driver.findElement(By.linkText("Sign in"));

login.click();

Thread.sleep(8000);

WebElement sing=driver.findElement(By.id("userid"));

sing.sendKeys("swapnaankireddy92@gmail.com");

Thread.sleep(5000);

WebElement cont=driver.findElement(By.id("signin-continue-btn"));

cont.click();

Thread.sleep(5000);

WebElement password=driver.findElement(By.id("pass"));

password.sendKeys("s1234567s");

Thread.sleep(3000);

WebElement signin=driver.findElement(By.id("sgnBt"));

signin.click();

Thread.sleep(2000);

}

@Test (priority=2,dependsOnMethods = {"login"},invocationCount = 3)

public void search() throws InterruptedException {

String searchitem[]= {"watch","phone","book"};

for(String item:searchitem) {

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

search.clear();

search.sendKeys(item);

search.sendKeys(Keys.ENTER);

Thread.sleep(1000);

}

}

@AfterTest

public void afterTest() {

}

}

Output:

Default suite

Total tests run: 4, Passes: 4, Failures: 0, Skips: 0

3.write test cases for dummy login page using @parameters in testing.xml

package Asserts\_demo;

import org.testng.annotations.Test;

import org.testng.annotations.BeforeTest;

import org.testng.annotations.Optional;

import org.testng.annotations.Parameters;

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;

public class Parameter\_Test {

WebDriver driver;

@BeforeTest

public void beforeTest() {

driver=new ChromeDriver();

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

}

@Test

@Parameters({"username1","password1"})

public void login(@Optional("username")String username1,@Optional("password1")String password1) throws InterruptedException {

System.out.println("username: "+username1+" Password: "+password1);

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

driver.findElement(By.id("user\_login")).click();

driver.findElement(By.id("user\_login")).sendKeys(username1);

driver.findElement(By.id("user\_password")).click();

driver.findElement(By.id("user\_password")).sendKeys(password1);

driver.findElement(By.name("submit")).click();

}

@AfterTest

public void afterTest() {

}

}

TestNG1.xml:

<suite name="LoginSuite" parallel="classes" thread-count="1">

<test name="LoginTest">

<parameter name="username1" value="username"/>

<parameter name="password1" value="password"/>

<classes>

<class name="Asserts\_demo.Parameter\_Test"/>

</classes>

</test>

</suite>

Output:

LoginSuite

Total tests run: 1, Passes: 1, Failures: 0, Skips: 0

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4.dependent test cases:

package Asserts\_demo;

import org.testng.annotations.Test;

import org.testng.annotations.BeforeTest;

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.AfterTest;

public class Task4 {

WebDriver driver;

@BeforeTest

public void beforeTest() throws InterruptedException {

driver=new ChromeDriver();

driver.get("https://www.ebay.com");

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

Thread.sleep(2000);

}

@Test(priority=1)

public void login() throws InterruptedException {

WebElement login=driver.findElement(By.linkText("Sign in"));

login.click();

Thread.sleep(8000);

WebElement sing=driver.findElement(By.id("userid"));

sing.sendKeys("swapnaankireddy92@gmail.com");

Thread.sleep(5000);

WebElement cont=driver.findElement(By.id("signin-continue-btn"));

cont.click();

Thread.sleep(5000);

WebElement password=driver.findElement(By.id("pass"));

password.sendKeys("s1234567s");

Thread.sleep(3000);

WebElement signin=driver.findElement(By.id("sgnBt"));

signin.click();

Thread.sleep(2000);

}

@Test (priority=2,dependsOnMethods = {"login"})

public void search() throws InterruptedException {

String searchitem[]= {"watch","phone","book"};

for(String item:searchitem) {

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

search.clear();

search.sendKeys(item);

search.sendKeys(Keys.ENTER);

Thread.sleep(1000);

}

}

@Test (priority=3,dependsOnMethods = {"search"})

public void logout() throws InterruptedException {

Actions actions=new Actions(driver);

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

actions.moveToElement(ele).perform();

Thread.sleep(1000);

driver.findElement(By.xpath("//\*[@id=\"s0-1-4-9-3[0]-0-9-dialog\"]/div/div/ul/li[3]/a")).click();

}

@AfterTest

public void afterTest() {

}

}

Output:

Default suite

Total tests run: 3, Passes: 3, Failures: 0, Skips: 0

5. package testing\_pac;

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 ZeroBankExcelSearch {

@DataProvider(name="excelData")

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

String excelPath="D:/TestData/LoginTest.xlsx";

String sheetName="Sheet2";

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 testSearch(String search) throws InterruptedException {

System.out.println("Searched for :"+search);

WebDriver driver=new ChromeDriver();

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

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

s.click();

s.sendKeys(search);

s.sendKeys(Keys.ENTER);

Thread.sleep(1000);

driver.close();

}

}

6.

package testing\_pac;

import org.testng.annotations.Test;

import org.testng.annotations.BeforeClass;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.annotations.AfterClass;

public class TestNG1 {

WebDriver driver;

@BeforeClass

public void beforeClass() throws InterruptedException {

Thread.sleep(3000);

}

@Test

public void eBay() {

driver = new ChromeDriver();

driver.get("https://www.ebay.com/");

System.out.println("Ebay--> Thread ID : "+Thread.currentThread().getId());

driver.quit();

}

@AfterClass

public void afterClass() {

driver.quit();

}

}

package testing\_pac;

import org.testng.annotations.Test;

import org.testng.annotations.BeforeClass;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.testng.Assert;

import org.testng.annotations.AfterClass;

public class TestNG2 {

WebDriver driver;

@BeforeClass

public void beforeClass() throws InterruptedException {

Thread.sleep(3000);

}

@Test

public void amazon() throws InterruptedException {

driver = new ChromeDriver();

driver.get("https://www.amazon.in/");

String expectedurl="https://www.amazon.in/";

String actualurl=driver.getCurrentUrl();

Assert.assertEquals(actualurl, expectedurl,"Url validation fail");

Thread.sleep(3000);

System.out.println("Amazon--> Thread ID : "+Thread.currentThread().getId());

driver.quit();

}

@AfterClass

public void afterClass() {

driver.quit();

}

}

TestNG.XML:

<suite name="ParallelSuite" parallel="classes" thread-count="1">

<test name="ParallelTestExecution">

<classes>

<class name="testing\_pac.TestNG1"/>

<class name="testing\_pac.TestNG2"/>

</classes>

</test>

</suite>

Output:

Ebay--> Thread ID : 42

Amazon--> Thread ID : 42

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ParallelSuite

Total tests run: 2, Passes: 2, Failures: 0, Skips: 0

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