**Pract 3**

St🡪 client 🡪 selenium-java-2.47.1 🡪 ADD librarys selenium-java.2.47.1.jar , selenium-java.2.47.1-srcs.jar + all librarys in libs folder

**code**

package pk3;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class p3 {

public static void main(String[] args) {

// TODO Auto-generated method stub

int a = 10, b = 20;

System.out.println("Hi...");

System.out.println(a+b);

System.out.println("Selenium demo ...");

WebDriver driver = new FirefoxDriver();

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

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

driver.quit();

}

}

**Prac 4**

St🡪 junit 🡪 junit-4.10.jar→ junit-4.10

**TestJUnit.java**

package p4;

import org.junit.Test;

import static org.junit.Assert.assertEquals;

public class TestJUnit {

@Test

public void testSetup(){

String str = "I am Done with Junit Setup";

assertEquals("I am Done with Junit Setup",str);

}

}

**TestRunner.java**

package p4;

import org.junit.runner.JUnitCore;

import org.junit.runner.Result;

import org.junit.runner.notification.Failure;

import p4.TestJUnit;

public class TestRunner {

public static void main(String[] args) {

// TODO Auto-generated method stub

Result result = JUnitCore.runClasses(TestJUnit.class);

for(Failure failure:result.getFailures()){

System.out.println(failure.toString());

}

System.out.println("Result=="+result.wasSuccessful());

}

}

**Pract 5**

**St🡪 testNG 🡪eclipse**

**St🡪jlx 🡪** **jexcelapi 🡪jxl jar**

**Right click on java project 🡪 properties 🡪 Libraries 🡪 Add library 🡪 TestNG**

**code**

**import** java.io.FileInputStream;

**import** java.io.FileOutputStream;

**import** jxl.Sheet;

**import** jxl.Workbook;

**import** jxl.write.Label;

**import** jxl.write.WritableSheet;

**import** jxl.write.WritableWorkbook;

**import** org.testng.annotations.BeforeClass;

**import** org.testng.annotations.Test;

**public** **class** c5 {

@BeforeClass

**public** **void** f1()

{}

@Test

**public** **void** testImportexport1() **throws** Exception {

FileInputStream fi = **new** FileInputStream("C:\\st\\sampledata.xls");

Workbook w = Workbook.*getWorkbook*(fi);

Sheet s = w.getSheet(0);

String a[][] = **new** String[s.getRows()][s.getColumns()];

FileOutputStream fo = **new** FileOutputStream("C:\\st\\result.xls");

WritableWorkbook wwb = Workbook.*createWorkbook*(fo);

WritableSheet ws = wwb.createSheet("result1", 0);

**for** (**int** i = 0; i<s.getRows(); i++)

{

**for** (**int** j = 0; j <s.getColumns(); j++)

{

a[i][j]=s.getCell(j,i).getContents();

Label l2=**new** Label(j,i,a[i][j]);

ws.addCell(l2);

Label l1=**new** Label(6,0,"Results");

ws.addCell(l1);

}

}

**for** (**int** i = 1; i<s.getRows(); i++)

{

**for** (**int** j = 2; j <s.getColumns(); j++)

{

a[i][j]=s.getCell(j,i).getContents();

**int** x=Integer.*parseInt*(a[i][j]);

**if**(x>35)

{

Label l1=**new** Label(6,i,"Pass");

ws.addCell(l1);

}

**else**

{

Label l1= **new** Label(6,i,"Fail");

ws.addCell(l1);

**break**;

}

}

}

wwb.write();

wwb.close();

}

}

**Prac 6**

St🡪 testNG 🡪eclipse

St🡪jlx 🡪 jexcelapi 🡪jxl jar

Right click on java project 🡪 properties 🡪 Libraries 🡪 Add library 🡪 TestNG

import java.io.FileInputStream;

import java.io.FileOutputStream;

import jxl.Sheet;

import jxl.Workbook;

import jxl.write.Label;

import jxl.write.WritableSheet;

import jxl.write.WritableWorkbook;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

public class c6 {

@BeforeClass

public void f1(){}

@Test

public void testImportexport1()throws Exception

{

FileInputStream fi=new FileInputStream("C:\\st\\sampledata.xls");

Workbook w=Workbook.getWorkbook(fi);

Sheet s=w.getSheet(0);

String a[][]=new String[s.getRows()][s.getColumns()];

FileOutputStream fo=new FileOutputStream("C:\\st\\result.xls");

WritableWorkbook wwb=Workbook.createWorkbook(fo);

WritableSheet ws=wwb.createSheet("result1",0);

int c=0;

for(int i=0;i<s.getRows();i++)

{

for(int j=0;j<s.getColumns();j++)

{

if(i>=1)

{

String b=new String();

b=s.getCell(3,i).getContents();

int x=Integer.parseInt(b);

if(x<60)

{

c++;

break;

}

}

a[i][j]=s.getCell(j,i).getContents();

Label l2=new Label(j,i-c,a[i][j]);

ws.addCell(l2);

}

}

wwb.write();

wwb.close();

}

}

Prac 7

St🡪 client 🡪 selenium-java-2.47.1 🡪 ADD librarys selenium-java.2.47.1.jar , selenium-java.2.47.1-srcs.jar + all librarys in libs folder

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class C7 {

/\*\*

\* @param args

\*/

public static void main(String[] args) {

// TODO Auto-generated method stub

WebDriver driver=new FirefoxDriver();

driver.get("http://www.google.com");

java.util.List<WebElement> links=driver.findElements(By.tagName("a"));

System.out.println("Total Links are"+links.size());

}

}

prac 8

St🡪 client 🡪 selenium-java-2.47.1 🡪 ADD librarys selenium-java.2.47.1.jar , selenium-java.2.47.1-srcs.jar + all librarys in libs folder

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

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

public class C8 {

/\*\*

\* @param args

\*/

public static void main(String[] args) {

// TODO Auto-generated method stub

WebDriver driver=new FirefoxDriver();

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

Select se = new Select(driver.findElement(By.id("month")));

java.util.List<WebElement> mylist=se.getOptions();

mylist.size();

System.out.println("Number Of Items="+mylist.size());

}

}

Prac 9

St🡪 client 🡪 selenium-java-2.47.1 🡪 ADD librarys selenium-java.2.47.1.jar , selenium-java.2.47.1-srcs.jar + all librarys in libs folder

**package** pk9;

**import** org.openqa.selenium.By;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.WebElement;

**import** org.openqa.selenium.firefox.FirefoxDriver;

**public** **class** c9 {

/\*\*

\* **@param** args

\*/

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

WebDriver driver=**new** FirefoxDriver();

driver.get("C:\\st\\Combo.html");

**int** radiochk=0,checkboxchk=0;

**int** radiounchk=0,checkboxunchk=0;

java.util.List <WebElement> els=driver.findElements(By.*xpath*("//input[@type='radio']"));

**for**(WebElement el:els)

{

**if**(el.isSelected())

{

radiochk++;

}

**else**

{

radiounchk++;

}

}

System.*out*.println("Radio Buttons");

System.*out*.println("Total Checked items"+ radiochk);

System.*out*.println("Total unChecked items"+ radiounchk);

java.util.List<WebElement>ebox=driver.findElements(By.*xpath*("//input[@type='checkbox']"));

**for**(WebElement el:ebox)

{

**if**(el.isSelected())

{

checkboxchk++;

}

**else**

{

checkboxunchk++;

}

}

System.*out*.println("Checkboxes");

System.*out*.println("Total Checked items"+ checkboxchk);

System.*out*.println("Total unChecked items"+ checkboxunchk);

}

}

**Combo.html**

<!DOCTYPE html>

<html>

<body>

<form>

<h2>Text Input</h2>

First Name:</br>

<input type="text" name="Firstname">

</br>

Last Name:</br>

<input type="text" name="lastname">

</br>

<h2>Select Gender</h2>

<input type="radio" name="gender" value="male" checked>Male</br>

<input type="radio" name="gender" value="female">Female</br>

<input type="radio" name="gender" value="others">Others</br>

<h2>Select Languages Known</h2>

<input type="checkbox" name="lang" value="Java" checked="checked">Java</br>

<input type="checkbox" name="lang" value="Php">Php</br>

<input type="checkbox" name="lang" value="ASP.net">.Net</br>

<input type="checkbox" name="lang" value="Python" checked="checked">Python</br>

<input type="submit" value="submit"></br>

</form>

</body>

</html>