Practical 3

**P3:**

package p3;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class c3 {

public static void main(String[] args) {

// TODO Auto-generated method stub

int a = 10;

int b= 20;

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

System.out.println(a+b);

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

WebDriver driver = new FirefoxDriver();

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

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

}

}

Practical 4

**TestJUnit:**

package p44;

import static org.junit.Assert.assertEquals;

import org.junit.Test;

public class TestJUnit {

@Test

public void testSetup(){

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

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

}

}

**TestRunner:**

package p44;

import org.junit.runner.JUnitCore;

import org.junit.runner.Result;

import org.junit.runner.notification.Failure;

public class TestRunnnner {

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());

}

}

Practical no: 5

(\*include TestNG from the libraries and jxl jar file)

**Countstuds:**

package prac5;

import org.testng.annotations.BeforeClass;

import org.testng.annotations.Test;

import jxl.\*;

import jxl.write.\*;

import java.io.\*;

public class countstuds {

@BeforeClass

public void f1()

{

}

@Test

public void testImportexport1() throws Exception {

FileInputStream fi = new FileInputStream("E:\\STQA\\st\\excel\\sampledata.xls");

Workbook w = Workbook.getWorkbook(fi);

Sheet s = w.getSheet(0);

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

FileOutputStream fo = new FileOutputStream("E:\\STQA\\st\\excel\\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();

}

}

Practical No.06

(\*include TestNG from the libraries and jxl jar file)

**package** prac6;

**import** java.io.FileInputStream;

**import** java.io.FileOutputStream;

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

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

**import** jxl.Sheet;

**import** jxl.Workbook;

**import** jxl.write.Label;

**import** jxl.write.WritableSheet;

**import** jxl.write.WritableWorkbook;

**public** **class** c6 {

@BeforeClass

**public** **void** f1(){}

@Test

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

{

FileInputStream fi=**new** FileInputStream("E:\\STQA\\st\\excel\\sampledata.xls");

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

Sheet s=w.getSheet(0);

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

FileOutputStream fo=**new** FileOutputStream("E:\\STQA\\st\\excel\\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();

}

}

Practical No.07

(\*include selenium jar files)

package prac7;

import java.awt.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;

public class c7 {

public static void main(String[] args){

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());

}

}

Practical 8

(\*include selenium jar files)

**package** prac8;

**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 {

**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());

}

}

Practical 9

(\*include selenium jar files)

**package** p9;

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

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

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

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

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

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

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

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

driver.get("E:\\STQA\\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);

}

}

Practical 10

Step 1: Right click on the "Test Plan" and add a new thread group: Add -> Threads (Users) -

> Thread Group

Step 2: Thread Group Property Window will be opened, Enter the following Properties.

Step 3: Right Click on Thread Group then AddConfig ElementHTTP Request Defaults

Step 4: Enter www.google.com in the path section, and Port Number as 80.

Step 5: Right Click on Thread Group AddSamplerHTTP Request

Step 6: Type calendar in the Path Section.

Step 7: Right Click on Thread GroupAddListener Graph Results

Step 8: Save the Test before Running.

Step 9: Run the Test.