**Gettable**-

**package** practice\_pck;

**import** java.util.List;

**import** java.util.concurrent.TimeUnit;

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

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

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

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

**public** **class** Gettable {

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

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

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

driver.get("http://selenium-release.storage.googleapis.com/index.html?path=2.52/");

driver.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

WebElement table = driver.findElement(By.*xpath*("html/body/table"));

List<WebElement> rows = table.findElements(By.*tagName*("tr"));

System.***out***.println("Row size is" +rows.size());

List<WebElement> columns = table.findElements(By.*tagName*("th"));

System.***out***.println("Column size is" +columns.size());

**int** i = 0;

**int** j = 0;

//char a = null;

//char table1= a[i][j];

**for**(i=0;i<rows.size();i++)

{

System.***out***.println("Rows are: "+rows.get(i).getText());

}

**for**(j=0;j<columns.size();j++)

{

System.***out***.println("Columns are: "+columns.get(j).getText());

}

System.***out***.println ("Table data is " );

}

}

**Alllinks**-

**package** practice\_pck;

**import** java.util.List;

**import** java.util.concurrent.TimeUnit;

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

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

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

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

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

**public** **class** Alllinks {

@Test

**public** **static** **void** test()

{

WebDriver driver;

driver= **new** FirefoxDriver();

driver.get("http://toolsqa.com/");

driver.manage().timeouts().implicitlyWait(10, TimeUnit.***SECONDS***);

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

System.***out***.println(links.size());

**for** (**int** i = 0;i<=links.size();i++)

{

**if**(links.get(i).getText().isEmpty())

{

System.***out***.println("Blank link");

}

**else**{

String options=links.get(i).getText();

System.***out***.println("Link names are:"+options);

}

}

}

}

**Radiocheck**-

**package** practice\_pck;

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

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

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

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

**public** **class** Radiocheck {

**public** **static** **void** main(String[] arg)

{

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

driver.get("http://toolsqa.com/automation-practice-form/");

driver.findElement(By.*name*("firstname")).sendKeys("Chaman");

driver.findElement(By.*name*("lastname")).sendKeys("Preet");

driver.findElements(By.*id*("sex-1")).get(0).click();

driver.findElements(By.*id*("exp-2")).get(0).click();

//driver.findElement(By.id("datepicker")).sendKeys("19/01/2017");

driver.findElements(By.*id*("profession-1")).get(0).click();

driver.findElements(By.*id*("tool-2")).get(0).click();

Select upselect=**new** Select(driver.findElement(By.*id*("continents")));

upselect.selectByIndex(1);

Select downselect=**new** Select(driver.findElement(By.*id*("selenium\_commands")));

downselect.selectByVisibleText("Switch Commands");

}

}

**AutoIT**-

**package** practice\_pck;

**import** java.io.File;

**import** java.io.IOException;

**import** org.apache.commons.io.FileUtils;

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

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

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

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

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

**public** **class** Autoit {

@Test

**public** **void** uploadfile() **throws** IOException, InterruptedException {

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

driver.get("http://toolsqa.com/automation-practice-form/");

driver.findElement(By.*id*("photo")).click();

Runtime.*getRuntime*().exec("C://Program Files (x86)//AutoIt3//browse.exe");

Thread.*sleep*(2000);

File srcfile=((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

FileUtils.*copyFile*(srcfile, **new** File("C://Users//chaman.preet//Desktop//screenshot.png"));

driver.close();

}

}

**Readfromexcel**-

**package** practice\_pck;

**import** java.io.FileInputStream;

**import** java.io.FileOutputStream;

**import** java.io.IOException;

**import** org.apache.poi.xssf.usermodel.XSSFCell;

**import** org.apache.poi.xssf.usermodel.XSSFRow;

**import** org.apache.poi.xssf.usermodel.XSSFSheet;

**import** org.apache.poi.xssf.usermodel.XSSFWorkbook;

**public** **class** Readfromexcel {

**public** **static** **void** main(String[] args) **throws** IOException, NullPointerException {

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

String path="C://Test\_workspace//Practice//Contri list.xlsx";

FileInputStream fs;

fs = **new** FileInputStream(path);

XSSFWorkbook work=**new** XSSFWorkbook(fs);

XSSFSheet sheet=work.getSheet("Sheet1");

XSSFRow row=sheet.getRow(4);

XSSFCell cell=row.getCell(1);

System.***out***.println("Row value is " +cell);

**for**(**int** i=0;i<=10;i++)

{

XSSFRow allrow = sheet.getRow(i);

**for**(**int** j=0;j<=1;j++)

{

XSSFCell allcell = allrow.getCell(j);

System.***out***.println("All row values are " +allcell);

}

//sheet.getRow(3).getCell(0);

}

cell.setCellValue("Update");

System.***out***.println(cell);

FileOutputStream ofs=**new** FileOutputStream(path);

work.write(ofs);

fs.close();

work.close();

}

}

**Takesscreenshot**-

**package** practice\_pck;

**import** java.io.File;

**import** java.io.IOException;

**import** org.apache.commons.io.FileUtils;

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

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

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

**public** **class** Takescreenshot {

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

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

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

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

File scrFile=((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

FileUtils.*copyFile*(scrFile, **new** File("C://Users//chaman.preet//Desktop//screenshot.png"));

}

}

**Trial**-

**package** practice\_pck;

**import** java.awt.AWTException;

**import** java.awt.Robot;

**import** java.awt.Toolkit;

**import** java.awt.datatransfer.StringSelection;

**import** java.awt.event.KeyEvent;

**import** java.io.File;

**import** java.io.IOException;

**import** org.apache.commons.io.FileUtils;

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

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

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

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

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

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

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

**public** **class** trial {

WebDriver driver;

**public** **static** String *downloadPath* = "C:\\Users\\chaman.preet\\Desktop\\download";

@Test

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

driver=**new** FirefoxDriver();

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

driver.get("http://toolsqa.com/automation-practice-form/");

driver.findElement(By.*name*("firstname")).sendKeys("Chaman");

driver.findElement(By.*name*("lastname")).sendKeys("Preet");

driver.findElement(By.*id*("sex-0")).click();

driver.findElement(By.*id*("exp-0")).click();

driver.findElement(By.*id*("datepicker")).sendKeys("02/04/2016");

driver.findElement(By.*xpath*("//input[@id='profession-0'][@value='Manual Tester']")).click();

driver.findElement(By.*id*("photo")).click();

StringSelection s=**new** StringSelection("C:\\Users\\chaman.preet\\Desktop\\bugs.txt");

Toolkit.*getDefaultToolkit*().getSystemClipboard().setContents(s, **null**);

Robot rob=**new** Robot();

rob.keyPress(KeyEvent.***VK\_CONTROL***);

rob.keyPress(KeyEvent.***VK\_V***);

rob.keyRelease(KeyEvent.***VK\_V***);

rob.keyRelease(KeyEvent.***VK\_CONTROL***);

rob.keyPress(KeyEvent.***VK\_ENTER***);

rob.keyRelease(KeyEvent.***VK\_ENTER***);

driver.findElement(By.*id*("tool-0")).click();

Select sel=**new** Select(driver.findElement(By.*id*("continents")));

sel.selectByVisibleText("Australia");

//driver.findElements(By.id("continents")).get(1).click();

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

driver.findElement(By.*linkText*("Selenium Automation Hybrid Framework")).click();

Select sellist=**new** Select(driver.findElement(By.*id*("selenium\_commands")));

sellist.selectByVisibleText("WebElement Commands");

File srcf=((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

FileUtils.*copyFile*(srcf, **new** File("C:\\Users\\chaman.preet\\Desktop\\screenshot.png"));

driver.close();

}

**public** FirefoxProfile FirefoxDriverProfile() **throws** Exception {

FirefoxProfile profile = **new** FirefoxProfile();

profile.setPreference("browser.download.folderList", 2);

profile.setPreference("browser.download.manager.showWhenStarting", **false**);

profile.setPreference("browser.download.dir", *downloadPath*);

profile.setPreference("browser.helperApps.neverAsk.openFile",

"text/csv,application/x-msexcel,application/excel,application/x-excel,application/vnd.ms-excel,image/png,image/jpeg,text/html,text/plain,application/msword,application/xml");

profile.setPreference("browser.helperApps.neverAsk.saveToDisk",

"text/csv,application/x-msexcel,application/excel,application/x-excel,application/vnd.ms-excel,image/png,image/jpeg,text/html,text/plain,application/msword,application/xml");

profile.setPreference("browser.helperApps.alwaysAsk.force", **false**);

profile.setPreference("browser.download.manager.alertOnEXEOpen", **false**);

profile.setPreference("browser.download.manager.focusWhenStarting", **false**);

profile.setPreference("browser.download.manager.useWindow", **false**);

profile.setPreference("browser.download.manager.showAlertOnComplete", **false**);

profile.setPreference("browser.download.manager.closeWhenDone", **false**);

**return** profile;

}

}

Project structure-

actionpackage

/First\_RMSProject/src/actionpackage/actionanalyst.java

/First\_RMSProject/src/actionpackage/actionclass.java

/First\_RMSProject/src/actionpackage/actiongatekeeper.java

/First\_RMSProject/src/actionpackage/actionrequestor.java

rmspackage

/First\_RMSProject/src/rmspackage/Delete.java

/First\_RMSProject/src/rmspackage/ExcelUtils.java

/First\_RMSProject/src/rmspackage/Fillfeedback.java

/First\_RMSProject/src/rmspackage/FillTimesheet.java

/First\_RMSProject/src/rmspackage/Loginclass.java

/First\_RMSProject/src/rmspackage/New\_Request.java

/First\_RMSProject/src/rmspackage/Reports.java

/First\_RMSProject/src/rmspackage/Req\_deliverables.java

/First\_RMSProject/src/rmspackage/Request\_details.java

/First\_RMSProject/src/rmspackage/View\_request.java

/First\_RMSProject/src/rmspackage/Viewfeedback.java

/First\_RMSProject/src/rmspackage/ViewTimesheet.java

**Testing.xml**

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name=*"Sample Test Suite"* verbose=*"1"*>

<test name=*"Sample Test"*>

<classes>

<class name=*"actionpackage.actionclass"*>

<methods>

<include name=*"enterurl"*></include>

<include name=*"loginteam"*></include>

<!--include name="newreq"></include-->

<include name=*"viewreq"*></include>

<include name=*"reqdetails"*></include>

<include name=*"Request\_deliverable"*></include>

<include name=*"timesheet1"*></include>

<include name=*"Reports\_visibility"*></include>

<include name=*"feedback"*></include>

<include name=*"logout"*></include>

<include name=*"closetest"*></include>

</methods>

</class>

<!--/classes>

</test>