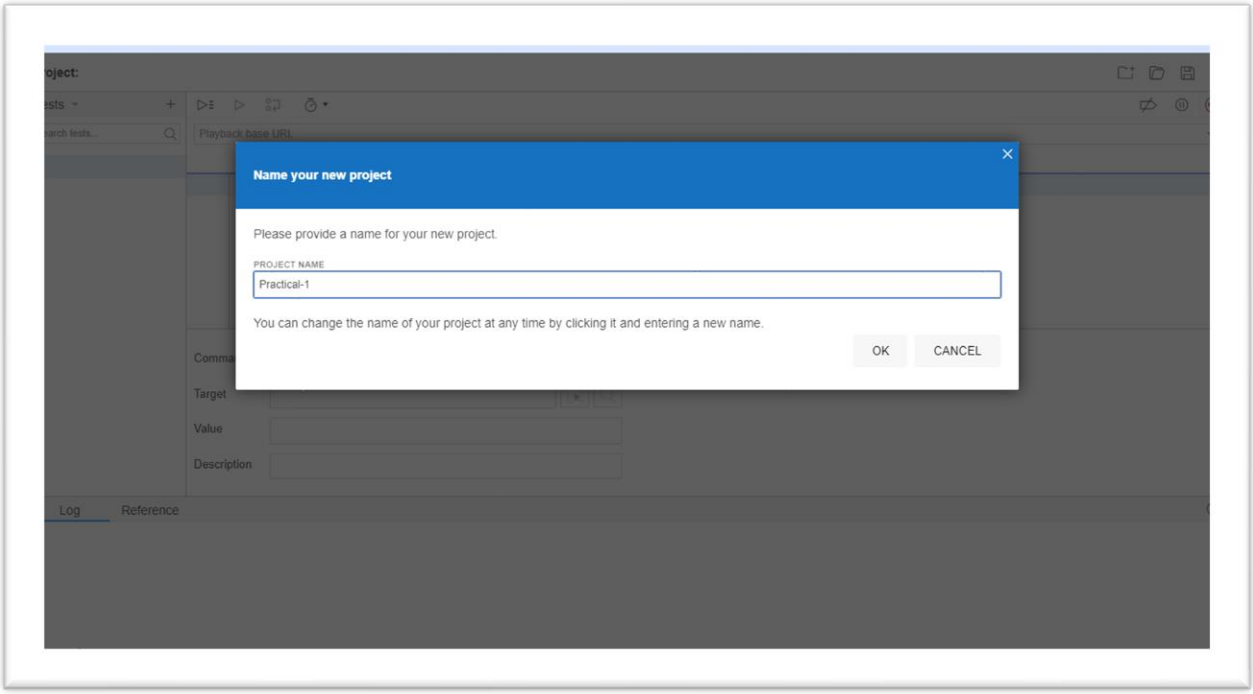
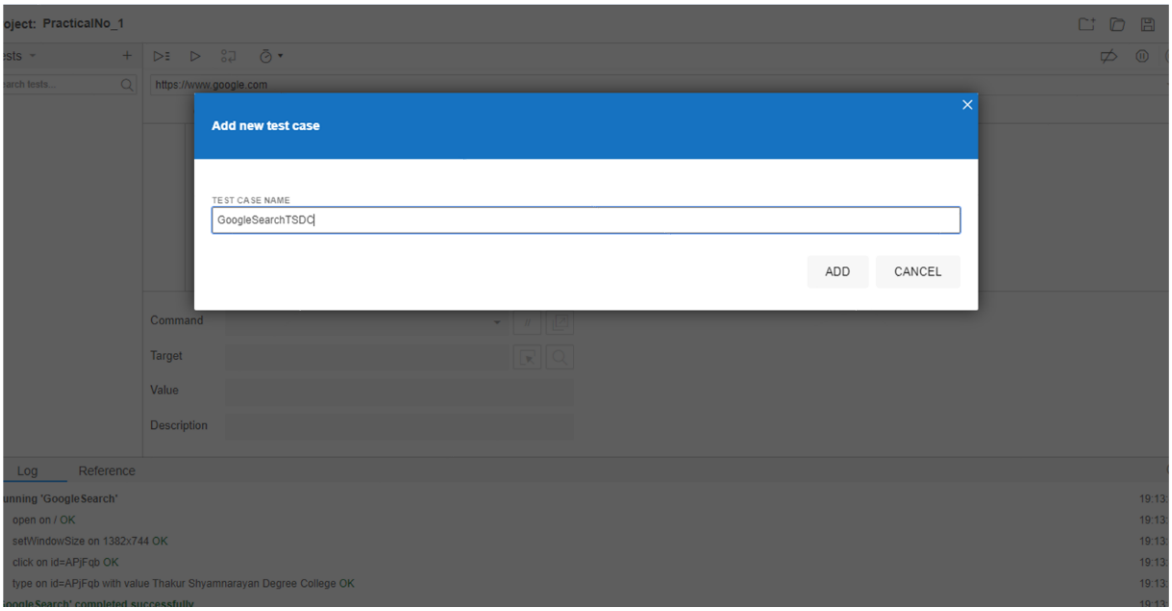
Thakur Shyamnarayan Degree College

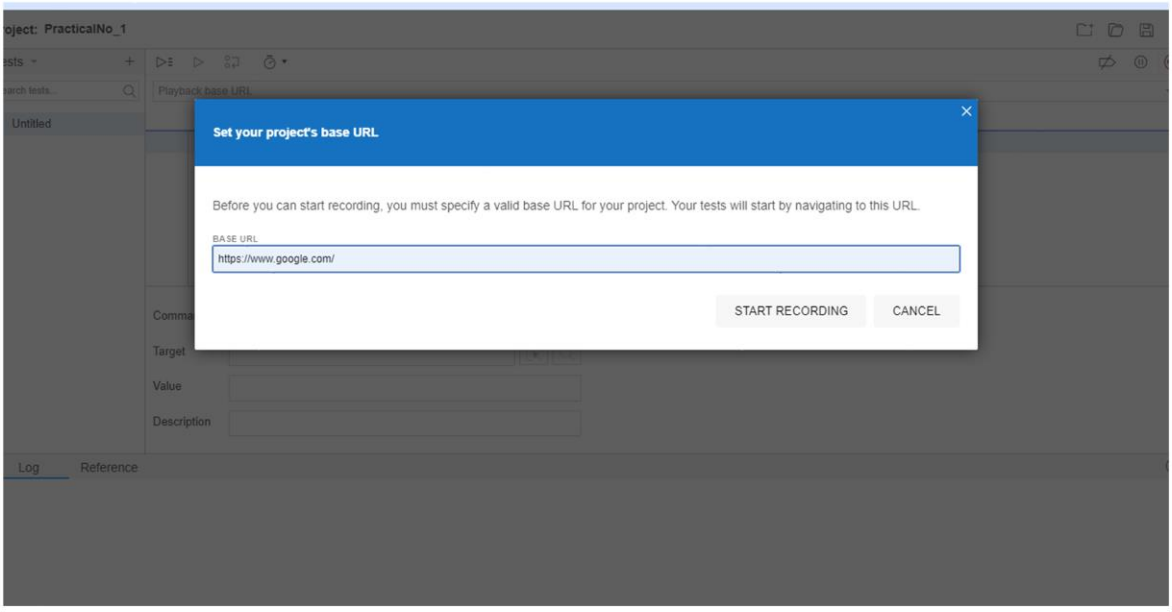
(STQA Practical)

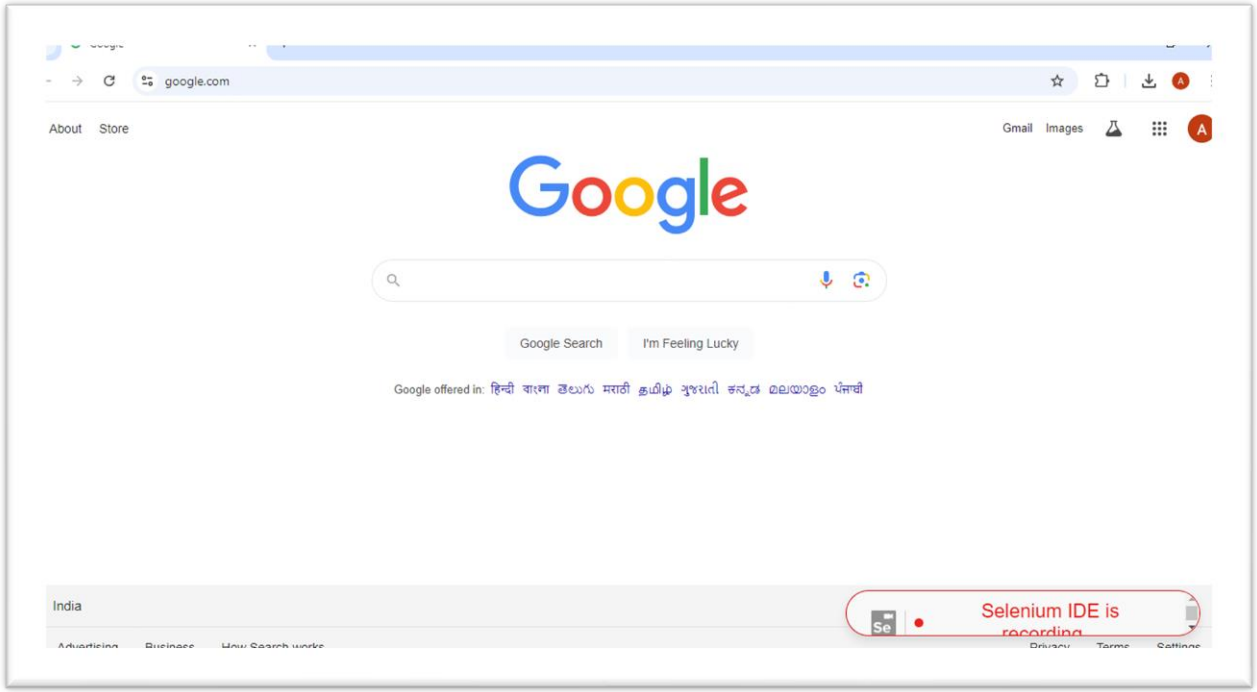
-By Asst. Prof. Ajit Sharma

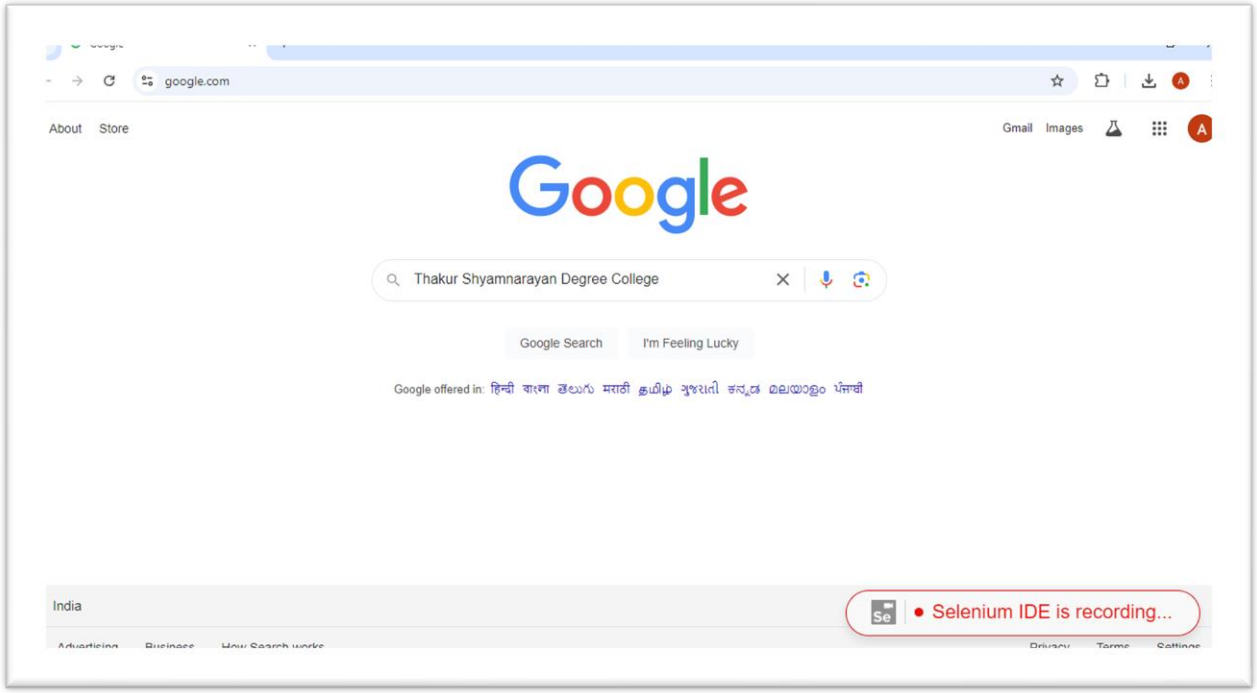
Practical-1

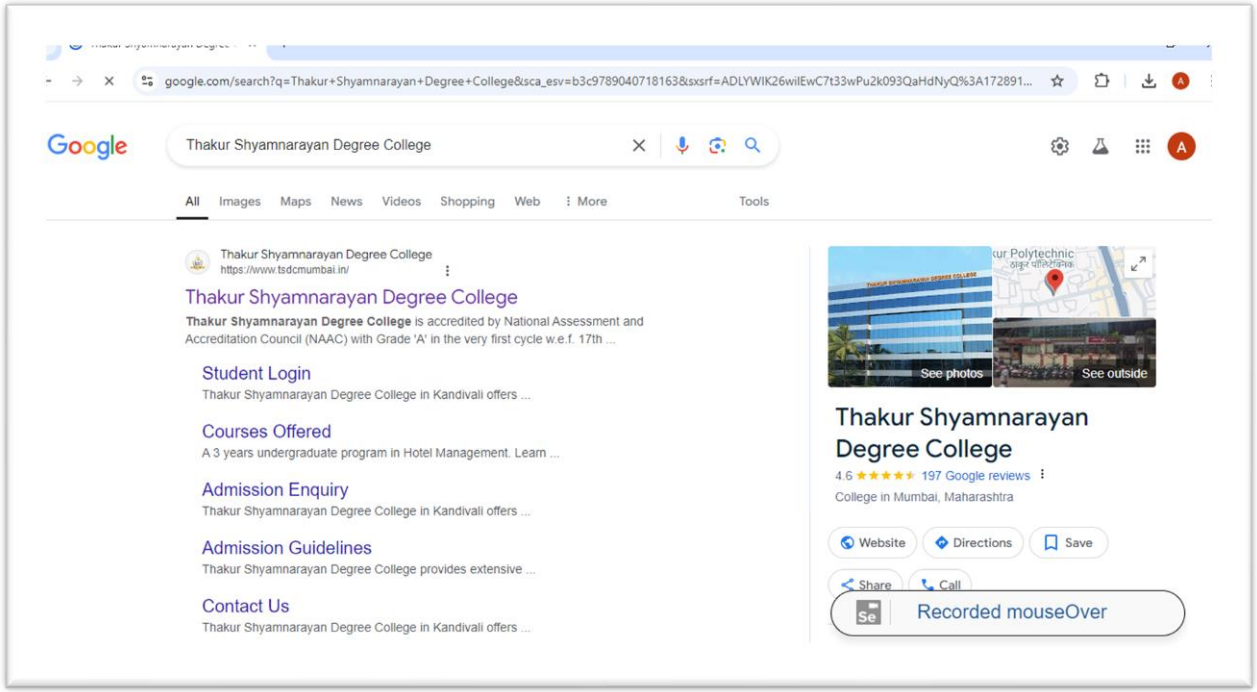


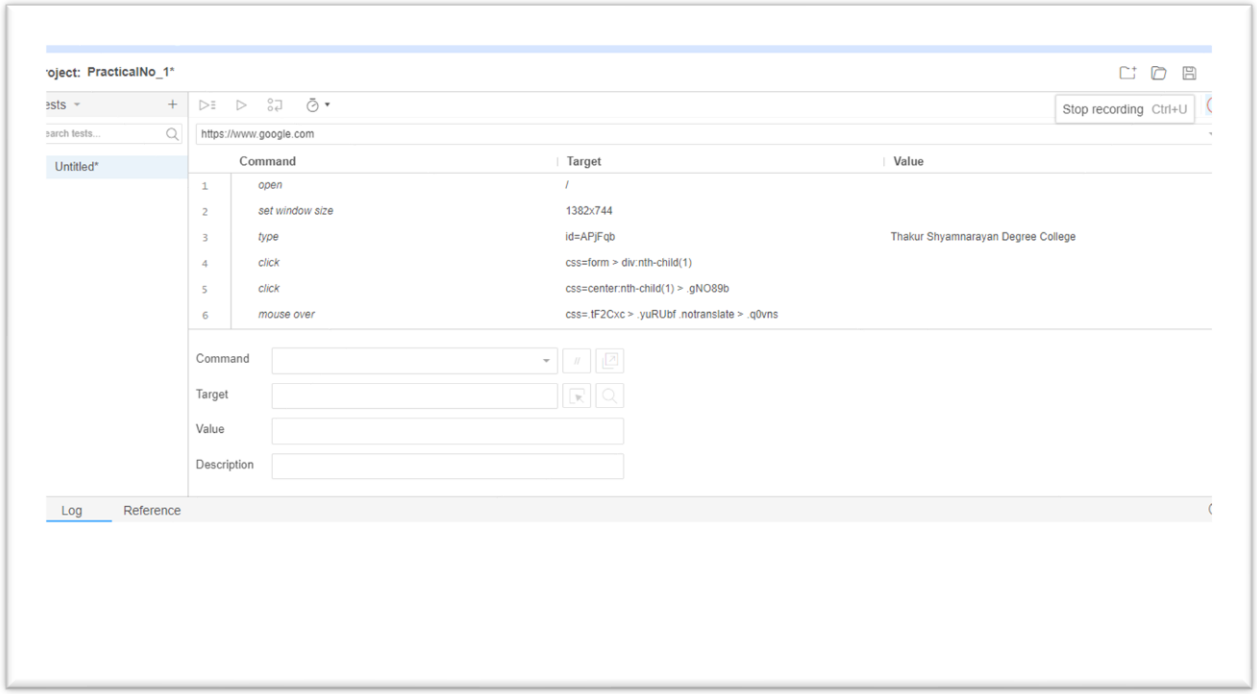

oject: PracticalNo_1
https://www.google.com
Add new test case
TEST CASE NAME
GoogleSearchTSDC
ADD
CANCEL
Command
Target
Value
Description
Log
Reference
unning 'Google Search'
open on / OK
setWindowSize on 1382x744 OK
click on id=APjFqb OK
type on id=APjFqb with value Thakur Shyamnarayan Degree College OK

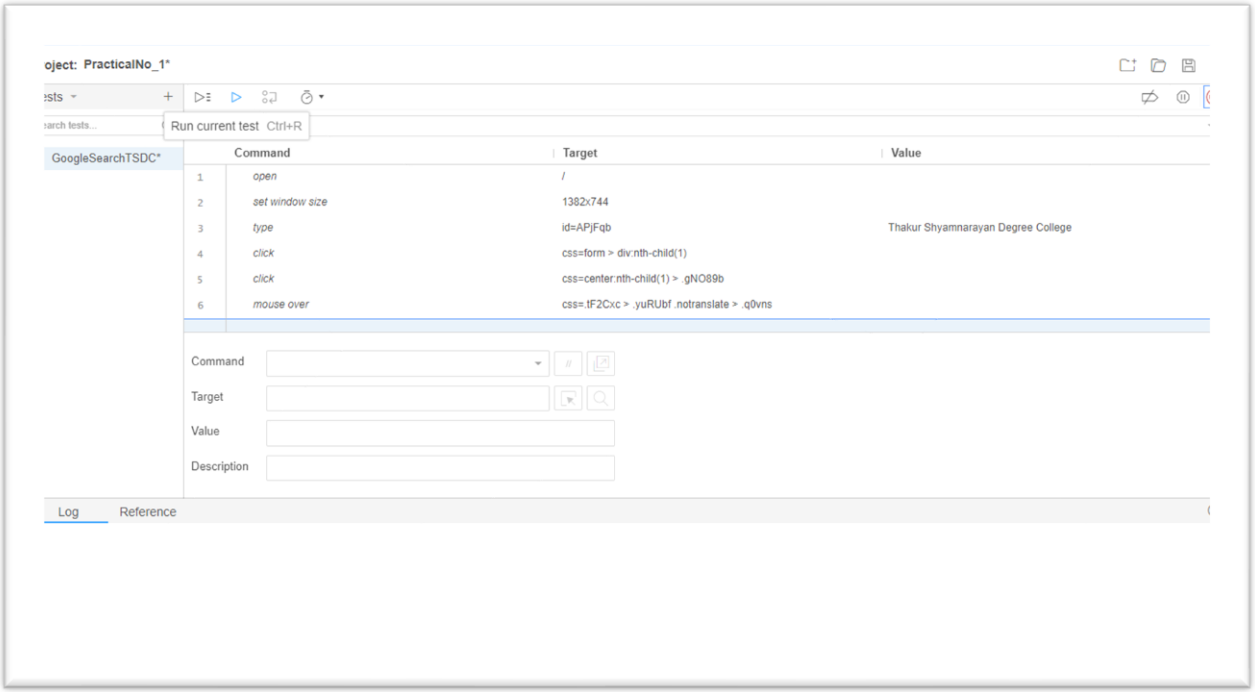

oject: PracticalNo_1
Playback base URL
Untitled
Set your project's base URL
Before you can start recording, you must specify a valid base URL for your project. Your tests will start by navigating to this URL.
BASE URL
https://www.google.com/
START RECORDING
CANCEL
Target
Value
Description
Log
Reference

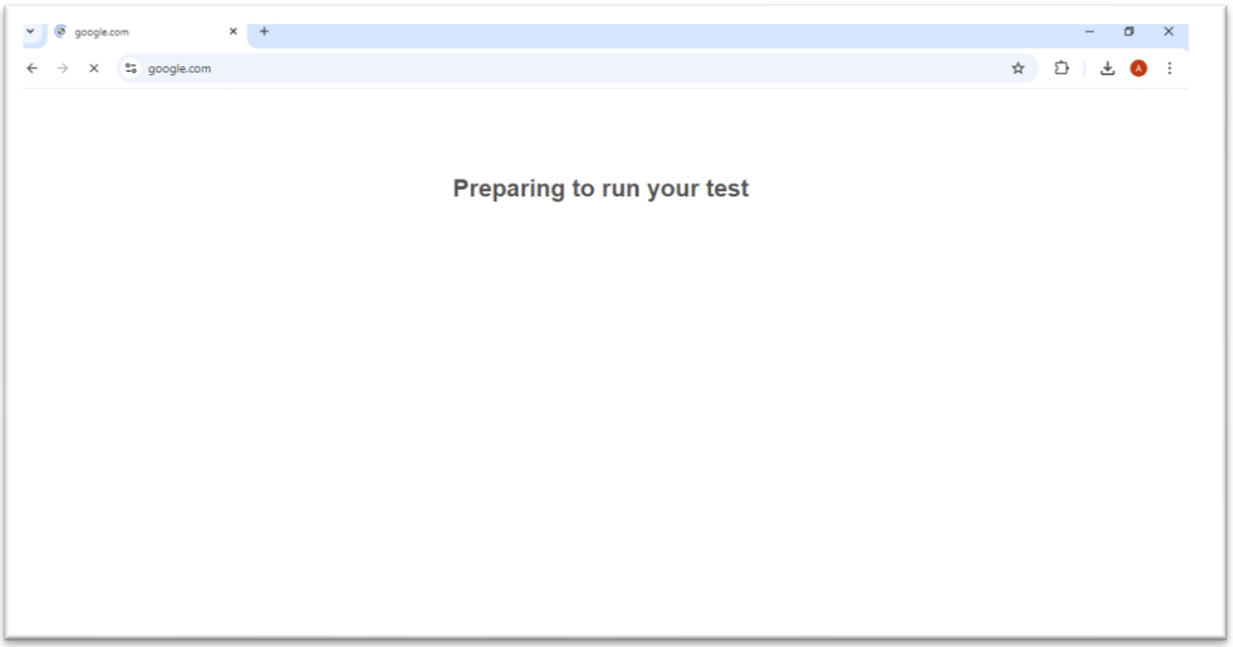

google.com
About
Store
Gmail
Images
Google
Google Search
I'm Feeling Lucky
Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ
India
Selenium IDE is

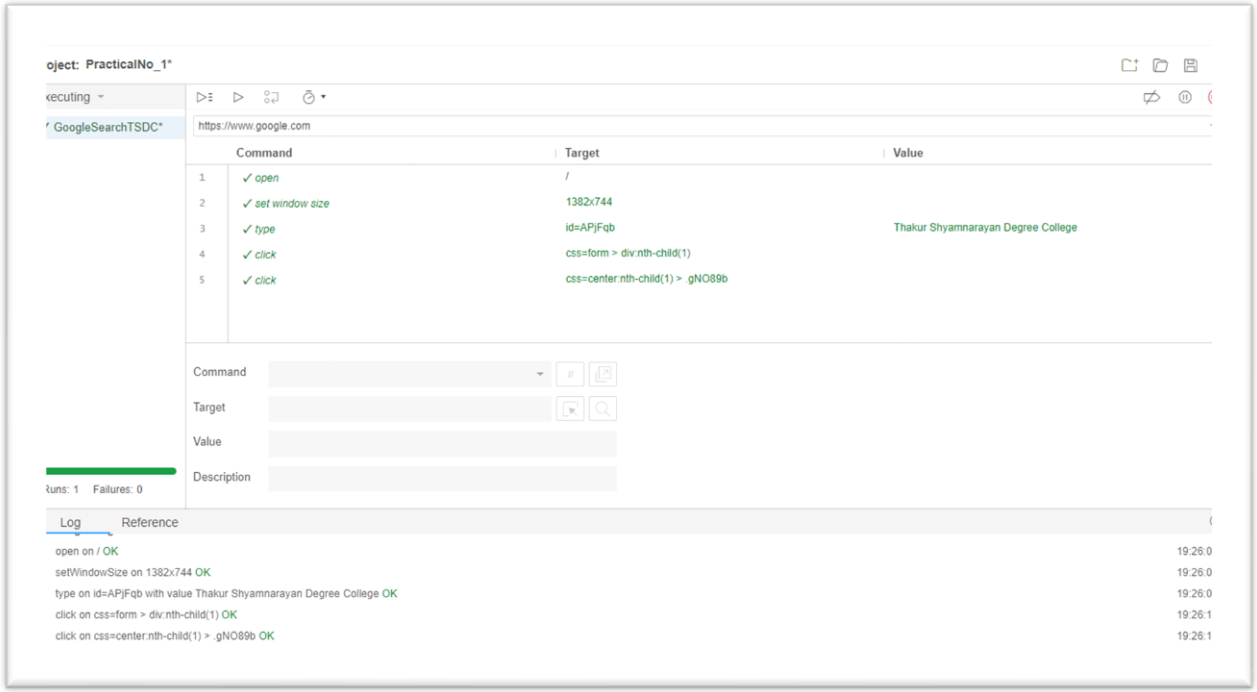

google.com
About
Store
Gmail
Images
Google
Thakur Shyamnarayan Degree College
Google Search
I'm Feeling Lucky
Google offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ
India
Selenium IDE is recording...


google.com/search?q=Thakur+Shyamnarayan+Degree+College&sca_esv=b3c9789040718163&sxsrf=ADLYWIK26wilEwC7t33wPu2k093QaHdNyQ%3A172891...
Google
Thakur Shyamnarayan Degree College
All Images Maps News Videos Shopping Web More Tools
Thakur Shyamnarayan Degree College
https://www.tsdcmumbai.in/
Thakur Shyamnarayan Degree College
Thakur Shyamnarayan Degree College is accredited by National Assessment and Accreditation Council (NAAC) with Grade 'A' in the very first cycle w.e.f. 17th ...
Student Login
Thakur Shyamnarayan Degree College in Kandivali offers ...
Courses Offered
A 3 years undergraduate program in Hotel Management. Learn ...
Admission Enquiry
Thakur Shyamnarayan Degree College in Kandivali offers ...
Admission Guidelines
Thakur Shyamnarayan Degree College provides extensive ...
Contact Us
Thakur Shyamnarayan Degree College in Kandivali offers ...
See photos
See outside
Thakur Shyamnarayan Degree College
4.6 197 Google reviews
College in Mumbai, Maharashtra
Website
Directions
Save
Share
Call
Recorded mouseOver


oject: PracticalNo_1*
Stop recording Ctrl+U
https://www.google.com
Untitled*
Command
Target
Value
1 open /
2 set window size 1382x744
3 type id=APjFqb Thakur Shyamnarayan Degree College
4 click css=form > div:nth-child(1)
5 click css=center:nth-child(1) > .gNO89b
6 mouse over css=.tF2Cxc > .yuRUbf .notranslate > .q0vns
Command
Target
Value
Description
Log
Reference


oject: PracticalNo_1*
Run current test Ctrl+R
GoogleSearchTSDC*
Command
Target
Value
1 open /
2 set window size 1382x744
3 type id=APjFqb Thakur Shyamnarayan Degree College
4 click css=form > div:nth-child(1)
5 click css=center:nth-child(1) > .gNO89b
6 mouse over css=.tF2Cxc > .yuRUbf .notranslate > .q0vns
Command
Target
Value
Description
Log
Reference


google.com
google.com
Preparing to run your test



Practical- 2

It is same as Practical-1. As we did, it will be for 3 different web pages like,

1) Gmail Login
2) Gmail Account Opening
3) Gmail Forgot Password

Practical-3

```
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class Practical3 {

        public static void main(String[] args) {

                System.setProperty("webdriver.gecko.driver", "C:\\Program Files\\Mozilla Firefox\\Firefox.exe");
                WebDriver driver = new FirefoxDriver();
```

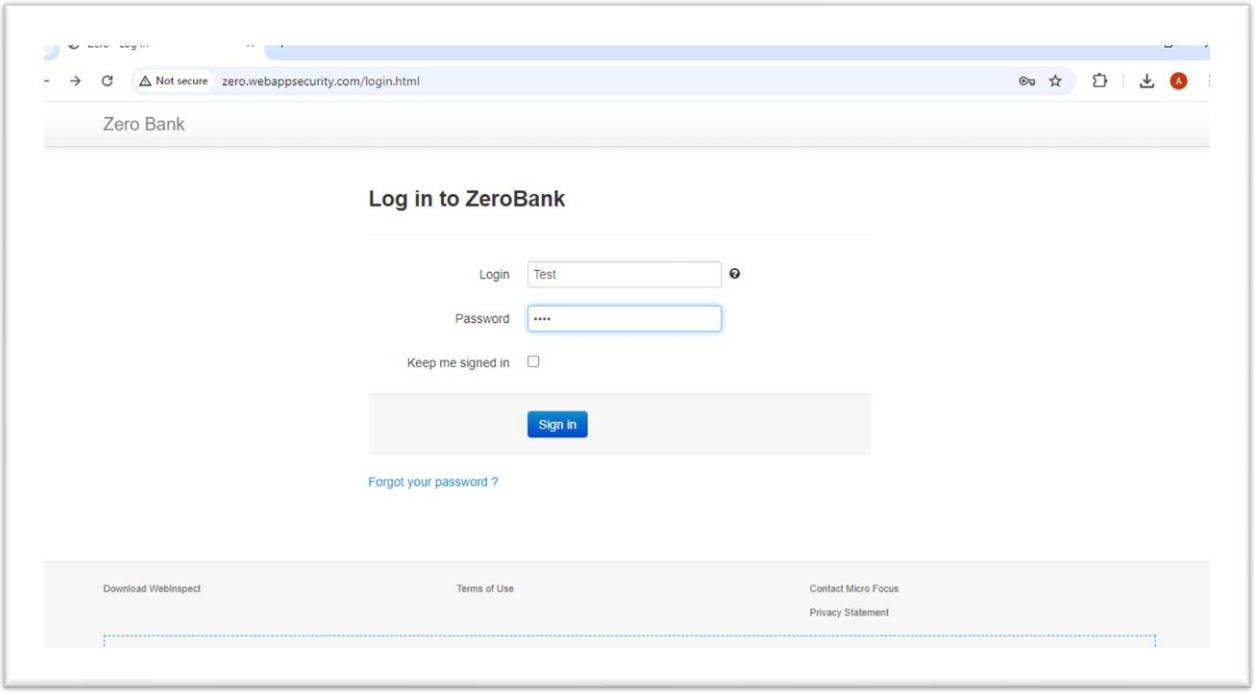
```
		driver.get(“http://www.google.com”);

		String myUrl = driver.getCurrentUrl();
		if(myUrl.equals(“https://www.google.com”)) {
			System.out.print(“Test Passed”);
		} else {
			System.out.print(“Test Failed”);
		}

	}

}
```

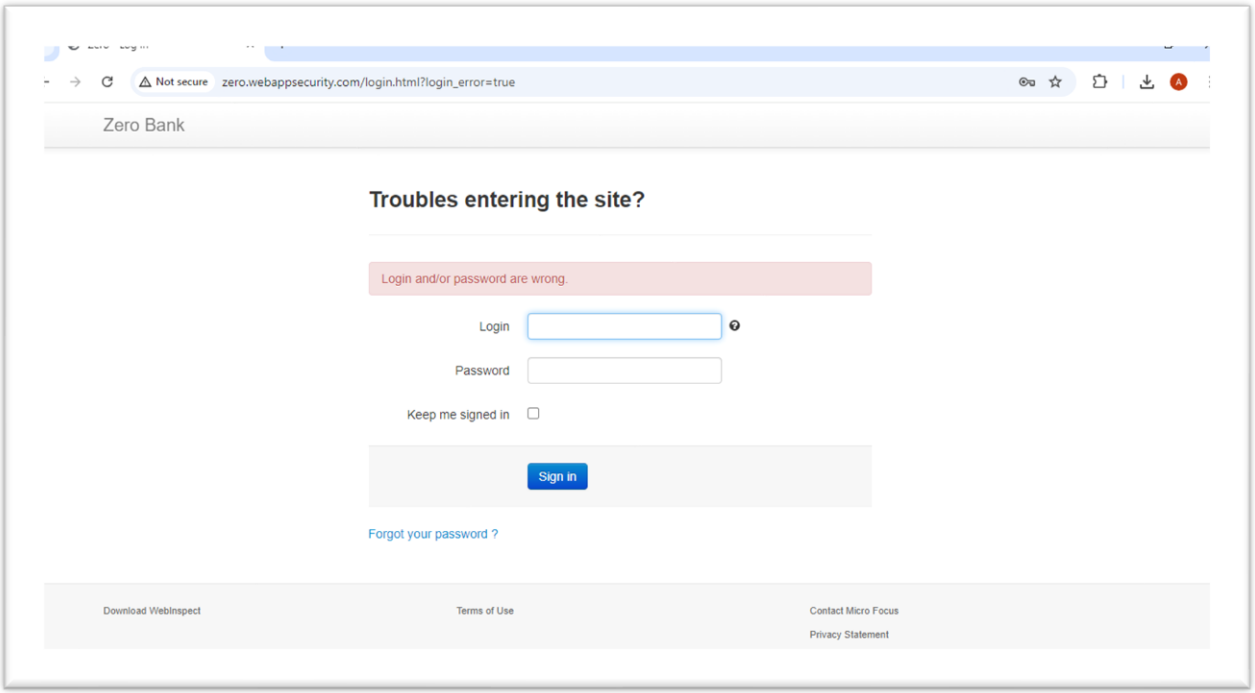
O/P: Test Passed

Practical-4

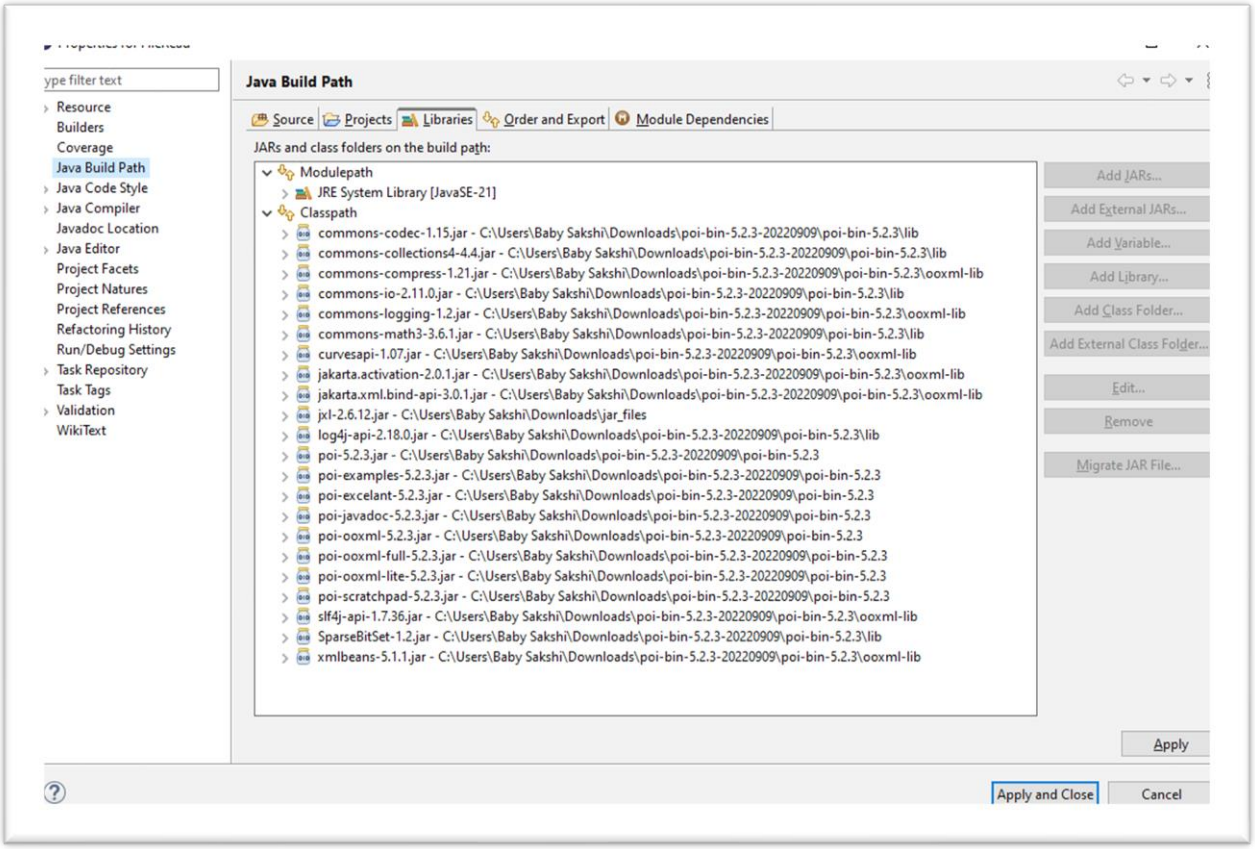
```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class MyAutoLoginClass {

	public static void main(String[] args) {

		System.setProperty("webdriver.gecko.driver", "C:\\Program Files\\Mozilla
		Firefox\\Firefox.exe");
		WebDriver driver = new FirefoxDriver();
		driver.get("http://zero.webappsecurity.com/login.html");


		driver.findElement(By.name("user_login")).sendKeys("username");
		driver.findElement(By.name("user_password")).sendKeys("password");
		driver.findElement(By.name("submit"));
//		OR
//		driver.findElement(By.xpath("//inout[@value='Sign in' and @type='submit']"));


		String myUrl = driver.getCurrentUrl();
	}

}
```

O/P:


Not secure
zero.webappsecurity.com/login.html
Zero Bank
Log in to ZeroBank
Login
Test
Password
Keep me signed in
Sign in
Forgot your password ?
Download WebInspect
Terms of Use
Contact Micro Focus
Privacy Statement


Not secure
zero.webappsecurity.com/login.html?login_error=true
Zero Bank
Troubles entering the site?
Login and/or password are wrong.
Login
Password
Keep me signed in
Sign in
Forgot your password ?
Download WebInspect
Terms of Use
Contact Micro Focus
Privacy Statement

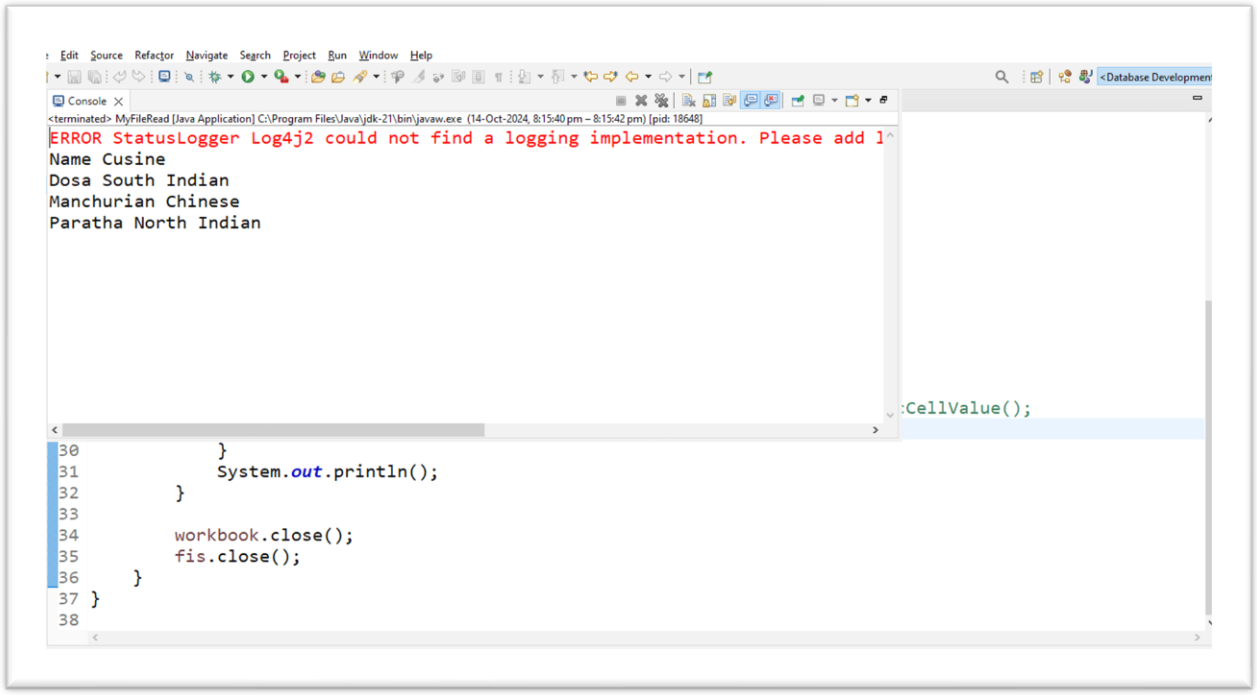
Practical-5




```
import java.io.File;
import java.io.FileInputStream;

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 MyFileRead  {

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

		File file = new File("E:\\Book1.xlsx");
		FileInputStream fis = new FileInputStream(file);
		XSSFWorkbook workbook = new XSSFWorkbook(fis);
		XSSFSheet sheet = workbook.getSheetAt(0);

		int rowCount = sheet.getPhysicalNumberOfRows();
		for(int i=0; i<rowCount; i++) {
			XSSFRow row = sheet.getRow(i);
			int cellCount = row.getPhysicalNumberOfCells();

			for(int j=0;j<cellCount;j++) {
				XSSFCell cell = row.getCell(j);

				String cellValue=
				cell.getStringCellValue()//cell.getNumericCellValue();
```

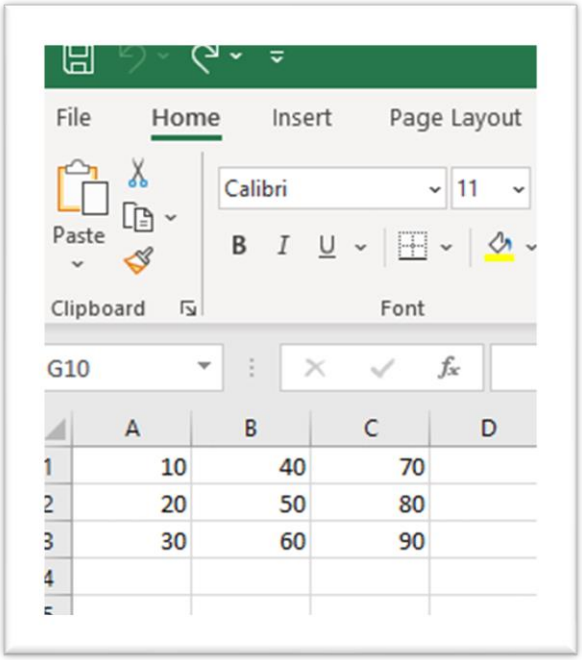
```
                    System.out.print(cellValue+" ");
                }
                System.out.println();
            }

            workbook.close();
            fis.close();
        }
}
```

O/P:



Practical-6

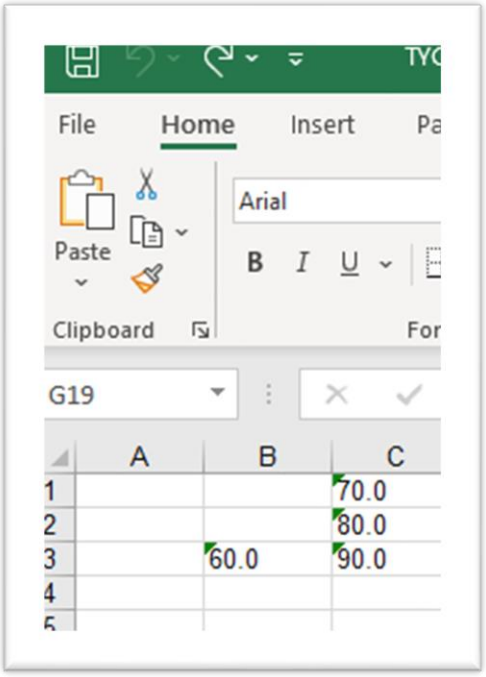
Input:



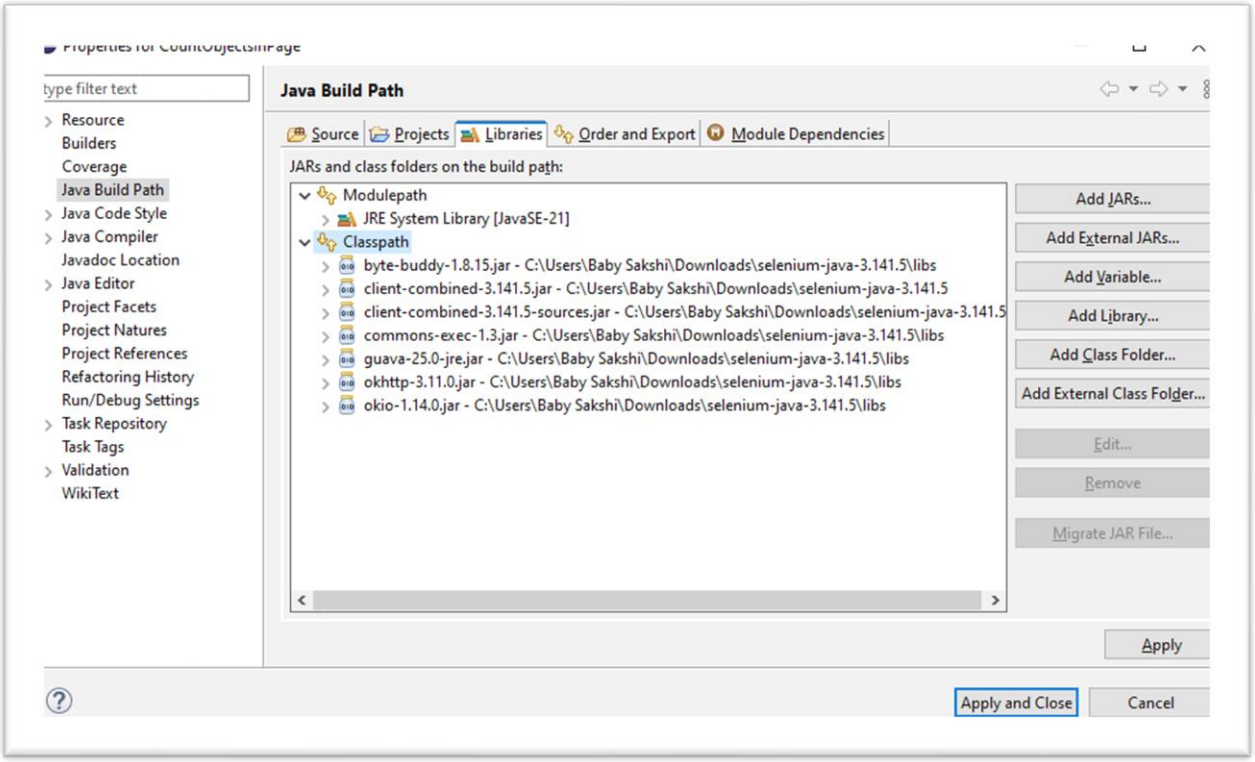

```
import java.io.File;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import org.apache.poi.ss.usermodel.CellType;
import org.apache.poi.xssf.usermodel.XSSFCell;
import org.apache.poi.xssf.usermodel.XSSFRow;
import org.apache.poi.xssf.usermodel.XSSFSheet;
import org.apache.poi.xssf.usermodel.XSSFWorkbook;
import jxl.Workbook;
import jxl.write.Label;
import jxl.write.WritableSheet;
import jxl.write.WritableWorkbook;

public class MyFileReadAndUpdate {
	public static void main(String[] args) throws Exception{
		FileOutputStream fos = new FileOutputStream("E:\\TYCSPractical6Op.xls");
		WritableWorkbook wwb = Workbook.createWorkbook(fos);
		WritableSheet wws = wwb.createSheet("result1", 0);

		File file = new File("E:\\Book1.xlsx");
		FileInputStream fis = new FileInputStream(file);
		XSSFWorkbook workbook = new XSSFWorkbook(fis);
		XSSFSheet sheet = workbook.getSheetAt(0);

		int rowCount = sheet.getPhysicalNumberOfRows();
		for(int i=0; i<rowCount; i++) {
			XSSFRow row = sheet.getRow(i);
			int cellCount = row.getPhysicalNumberOfCells();

			for(int j=0;j<cellCount;j++) {
				XSSFCell cell = row.getCell(j);
				cell.setCellType(CellType.NUMERIC);
				if(cell.getCellType() == CellType.NUMERIC) {
```

```
                                        if(cell.getNumericCellValue()>=60) {
                                            Label l = new Label(j,i,cell.getNumericCellValue()+"");
                                            wws.addCell(l);
                                        }
                                    }
                                }
                            }
                            wwb.write();
                            wwb.close();
                            workbook.close();
                            fis.close();
                            fos.close();
                        }
}
```

O/P:



Practical-7




```
import com.thoughtworks.selenium.*;
import org.openqa.selenium.server.*;
import org.testng.annotations.*;

public class exp8 {
        public Selenium selenium;
        public SeleniumServer seleniumserver;
        @ BeforeClass
         public void setUp() throws Exception {
                RemoteControlConfiguration rc = new RemoteControlConfiguration();
                seleniumserver = new SeleniumServer(rc);
                selenium = new DefaultSelenium("localhost", 4444, "*firefox","http://");
                seleniumserver.start(); selenium.start();
        }
        @Test
        public void testDefaultTNG() throws Exception {
                selenium.open("http://www.google.co.in/");
                selenium.windowMaximize();
                String lc[]=selenium.getAllLinks();
                System.out.println("TOTAL NO OF LINKS="+lc.length);
                String bc[]=selenium.getAllButtons();
                System.out.println("TOTAL NO OF BUTTONS="+bc.length);
                String fc[]=selenium.getAllFields();
                System.out.println("TOTAL NO OF INPUTFIELDS="+fc.length);
        }
```

```
	@AfterClass
	public void tearDown() throwsException {
		selenium.stop();
		seleniumserver.stop();
	}
}
```

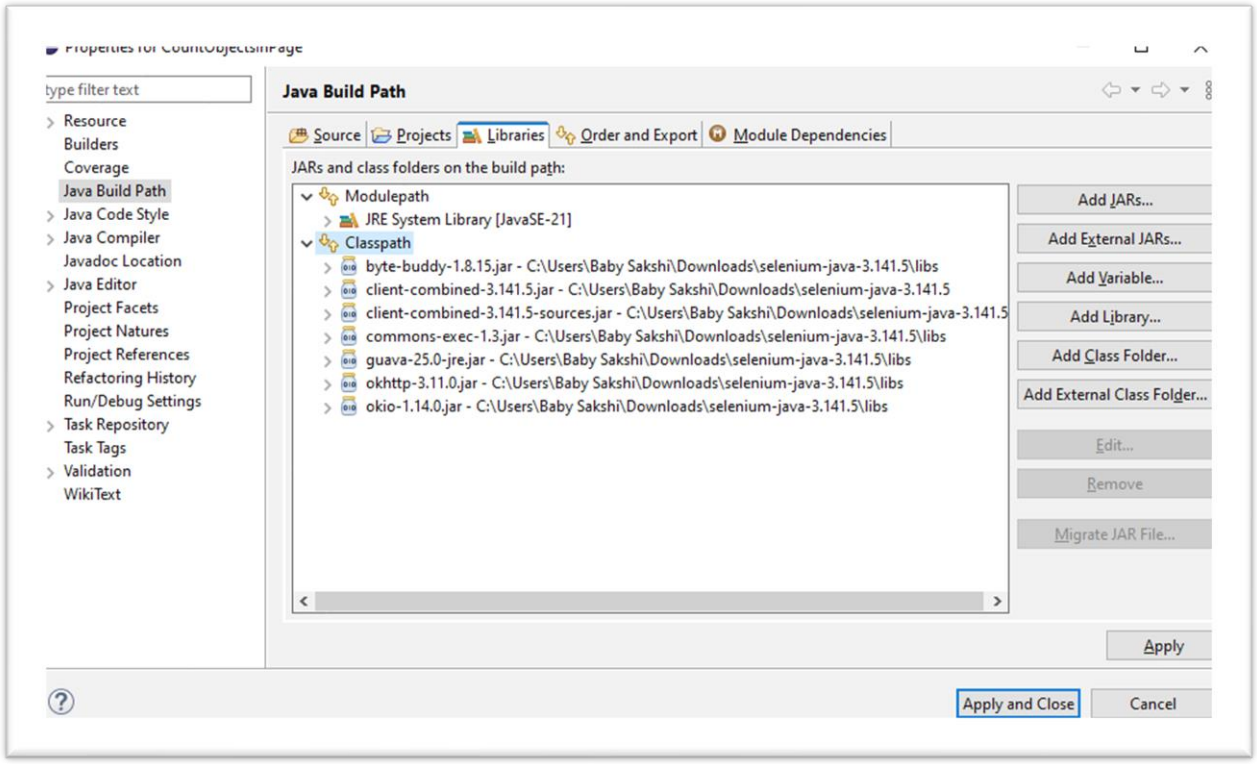
O/P:

```
TOTAL NO OF LINKS=41
TOTAL NO OF BUTTONS=1
TOTALNOOFINPUTFIELDS=3
```

Practical-8

```
import com.thoughtworks.selenium.*;
import org.openqa.selenium.server.*;
import org.testng.annotations.*;
public class exp8 {
	public Selenium selenium;
	public SeleniumServer seleniumserver;

	@BeforeClass
	public void setUp() throws Exception {
		RemoteControlConfiguration rc = new RemoteControlConfiguration();
		seleniumserver = new SeleniumServer(rc);
		selenium = new DefaultSelenium("localhost", 4444, "*firefox","http://");
		seleniumserver.start(); selenium.start();
	}
	@Test
	public void testDefaultTNG()throwsException{

		selenium.open("http://browsershots.org/");
		selenium.windowMaximize();

		//Count of check boxes
		Number c =selenium.getXpathCount("//input[@type['checkbox']]");
		System.out.println("Count of check boxes " +c);

		//Number of check boxes checked
		Number d = selenium.getXpathCount("//input[@type='checkbox' and
		@checked]"); System.out.println("Count of Checked check boxes " +d);

		//Number of check boxes unchecked
		Number e = selenium.getXpathCount("//input[@type='checkbox' and
		not(@checked)]");
		System.out.println("Count of Checked check boxes " +e);
	}
```

```
@After
Class public void tearDown() throws Exception {
        selenium.stop();
        seleniumserver.stop();
        }
}
```



O/P:

Count of check boxes 127
Count of Checked check boxes 91
Count of Checked check boxes 36