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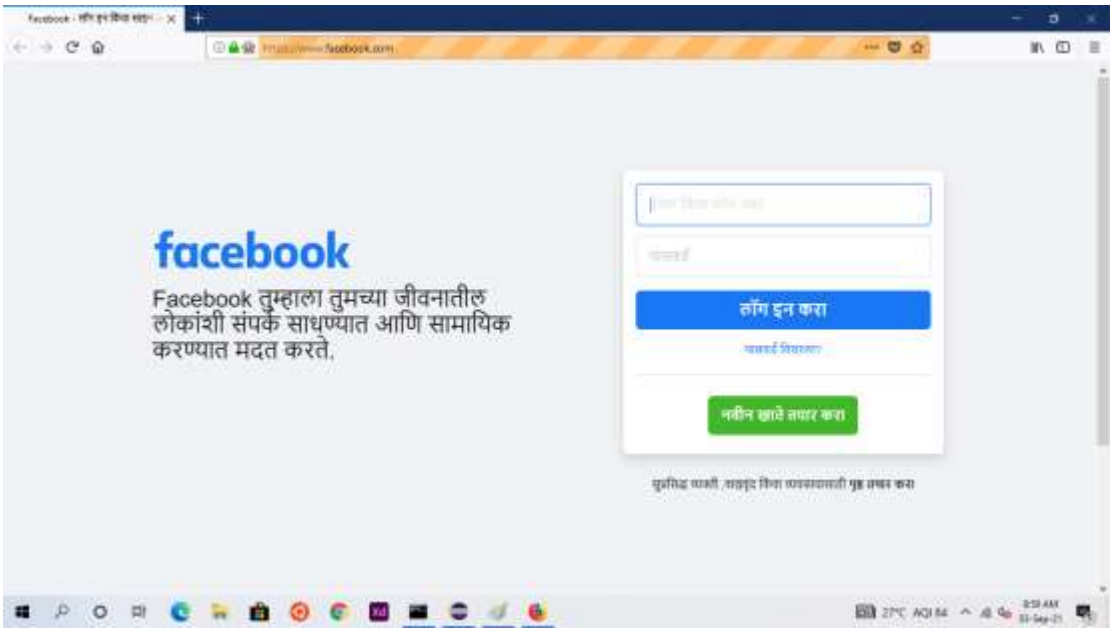
Practicals 5 to 8

I have done some modifications in all the code according to my system, the results are same. If code from SQTA Practical pdf is not working we can use these codes.
Note: - we need to first start selenium server like practical 9, No need to create openvrpath if already created.

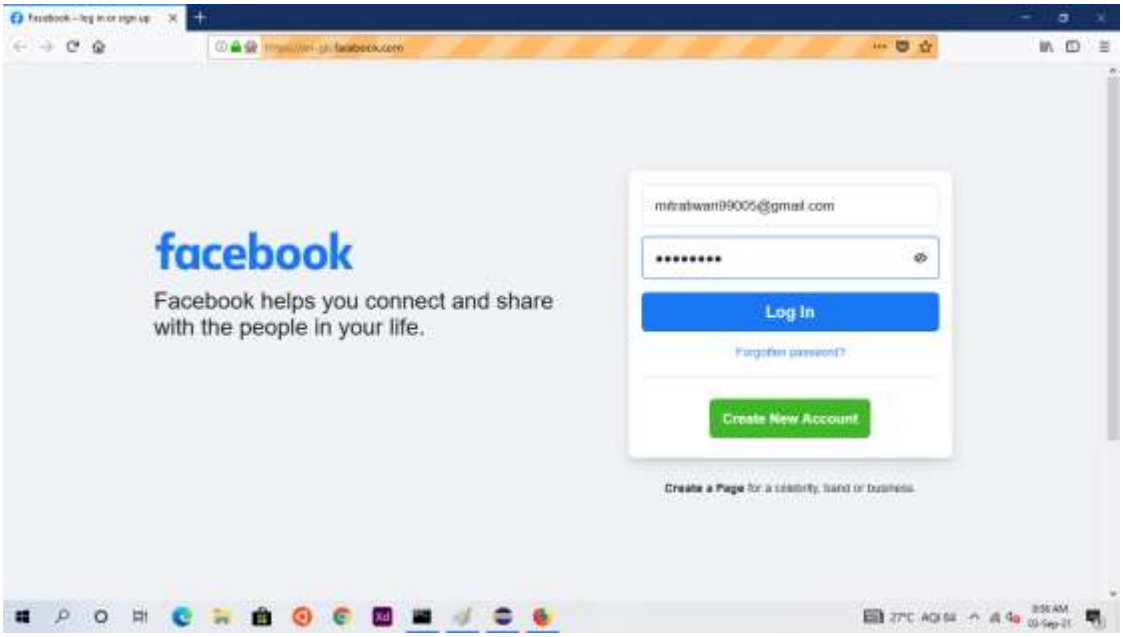
Practical 5

```
package Practical_5;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;

public class test2 {

		public static void main(String[]args) throws InterruptedException
		{
		System.setProperty("webdriver.gecko.driver","E:\\TY.CS\\SQTA
Practicals\\geckodriver\\geckodriver.exe");
		WebDriver driver = new FirefoxDriver();
		driver.get("https://www.facebook.com/");
		driver.manage().window().maximize();
		driver.quit();
		}
	}
```



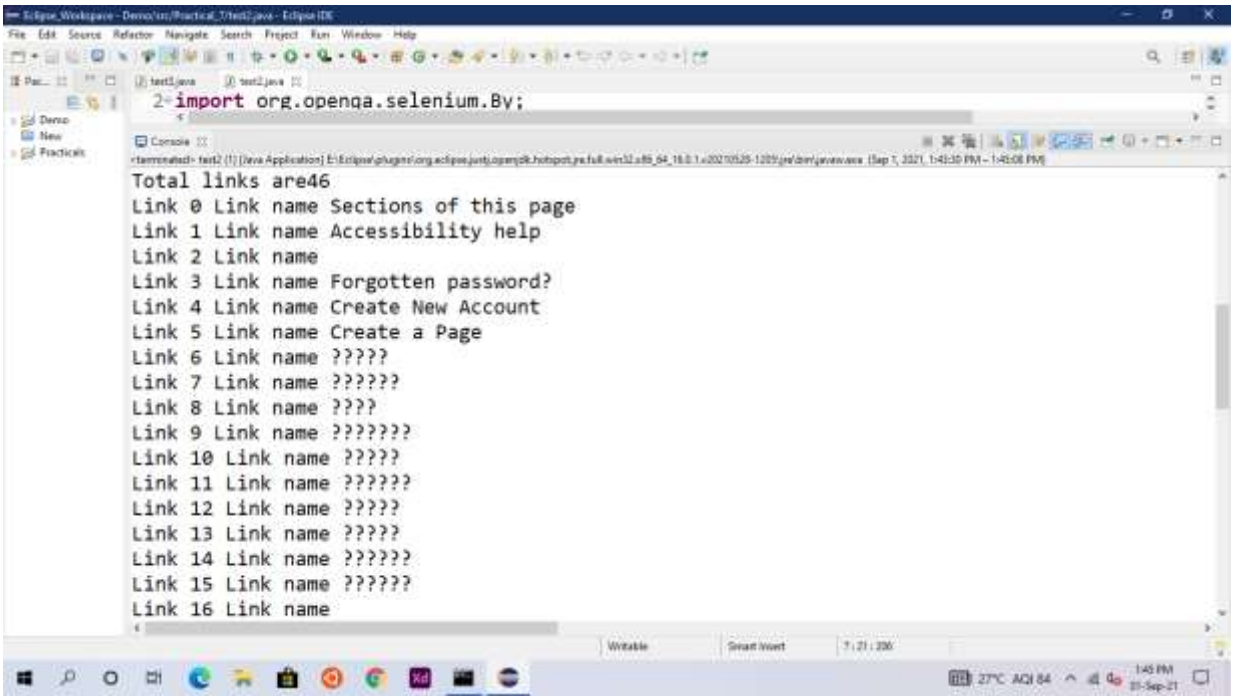
Practical 6

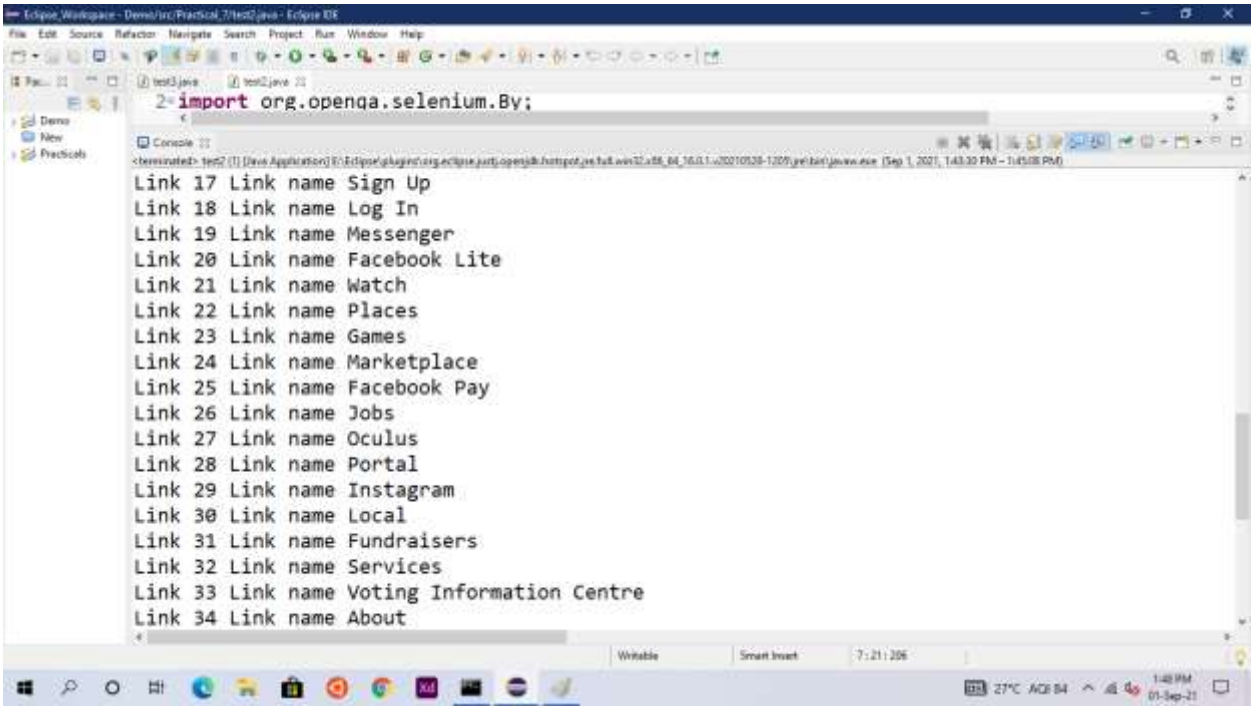
```
package Practical_6;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;


public class test3 {

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

{

System.setProperty("webdriver.gecko.driver","E:\\TY.CS\\SQTA
Practicals\\geckodriver\\geckodriver.exe");

WebDriver driver = new FirefoxDriver();

driver.get("https://en-gb.facebook.com/");

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

driver.findElement(By.id("email")).sendKeys("youremailid@gmail.com");

driver.findElement(By.id("pass")).sendKeys("password");

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

driver.quit();

}

}
```


facebook
Facebook helps you connect and share with the people in your life.
mitrabwari99005@gmail.com
Log In
Create New Account

Practical 7

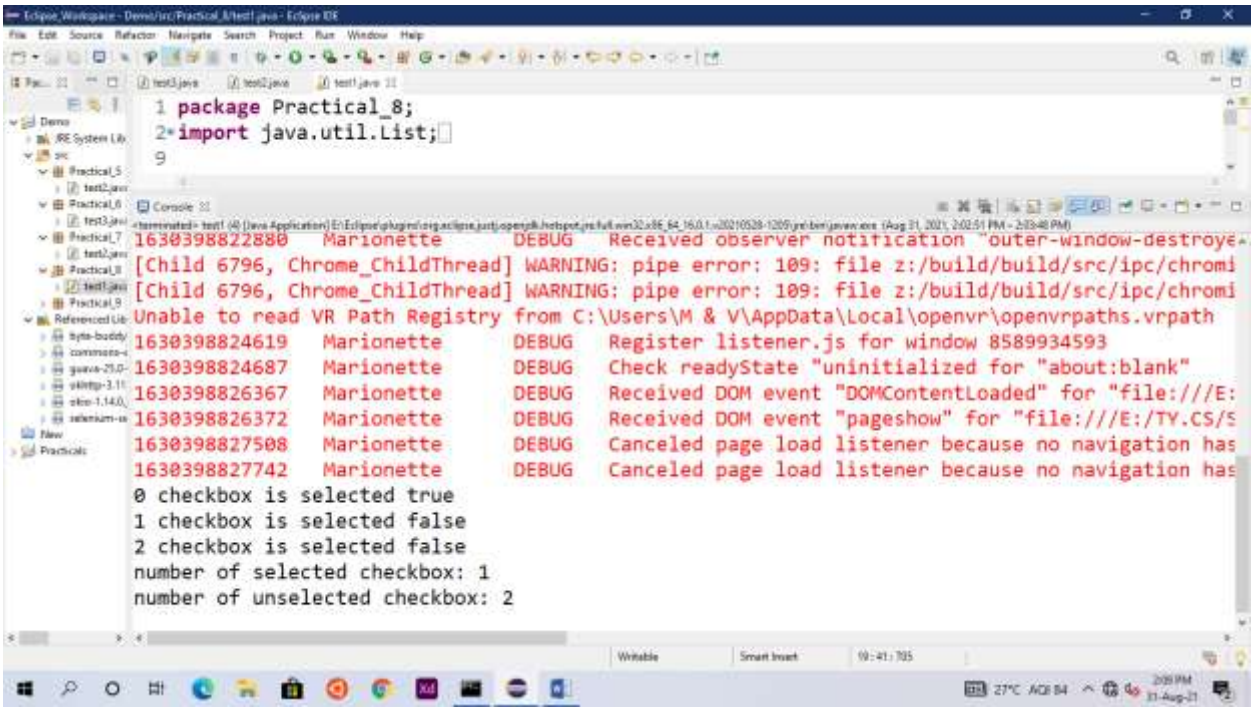
```
package Practical_7;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.firefox.FirefoxDriver;


public class test2 {

		public static void main(String[]args)

		{

		System.setProperty("webdriver.gecko.driver","E:\\TY.CS\\SQTA
Practicals\\geckodriver\\geckodriver.exe");

		WebDriver driver = new FirefoxDriver();

		driver.get("https://en-gb.facebook.com/");

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

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

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

		for (int i = 0; i<links.size(); i=i+1)

		{

		System.out.println("Link "+ i + " Link name "+ links.get(i).getText());

		}

		driver.quit();

		}

		}
```

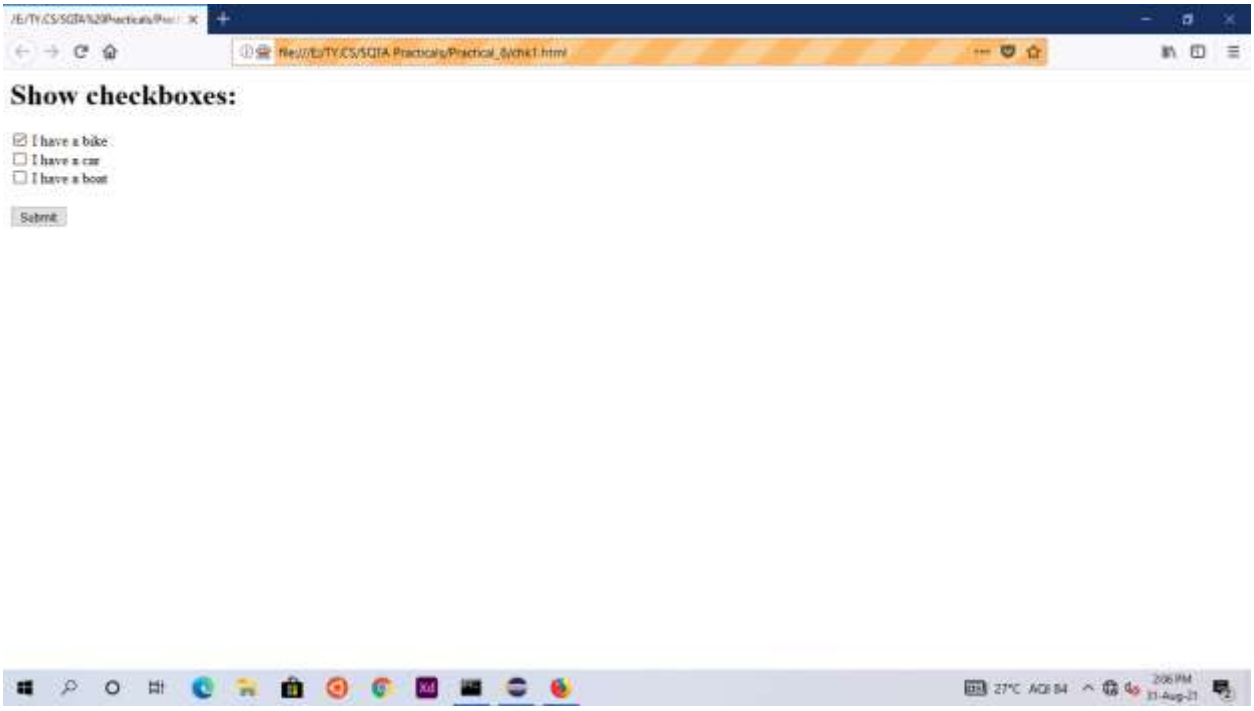

import org.openqa.selenium.By;
Total links are46
Link 0 Link name Sections of this page
Link 1 Link name Accessibility help
Link 2 Link name
Link 3 Link name Forgotten password?
Link 4 Link name Create New Account
Link 5 Link name Create a Page
Link 6 Link name ?????
Link 7 Link name ??????
Link 8 Link name ????
Link 9 Link name ???????
Link 10 Link name ?????
Link 11 Link name ??????
Link 12 Link name ?????
Link 13 Link name ?????
Link 14 Link name ??????
Link 15 Link name ??????
Link 16 Link name


import org.openqa.selenium.By;
Link 17 Link name Sign Up
Link 18 Link name Log In
Link 19 Link name Messenger
Link 20 Link name Facebook Lite
Link 21 Link name Watch
Link 22 Link name Places
Link 23 Link name Games
Link 24 Link name Marketplace
Link 25 Link name Facebook Pay
Link 26 Link name Jobs
Link 27 Link name Oculus
Link 28 Link name Portal
Link 29 Link name Instagram
Link 30 Link name Local
Link 31 Link name Fundraisers
Link 32 Link name Services
Link 33 Link name Voting Information Centre
Link 34 Link name About

Practical 8

```
package Practical_8;
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.openqa.selenium.remote.DesiredCapabilities;

public class test1
{
static String driverPath = "E:\\TY.CS\\SQTAPracticals\\geckodriver\\geckodriver.exe";
public static WebDriver driver;
public static void main(String args[])
{
System.setProperty("webdriver.gecko.driver",driverPath);
DesiredCapabilities capabilities = DesiredCapabilities.firefox();
capabilities.setCapability("marionette",true);
driver= new FirefoxDriver(capabilities);
driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
driver.get("file:///E:/TY.CS/SQTA%20Practicals/Practical_8/chk1.html");
List<WebElement> checkBoxes=driver.findElements(By.xpath("//input[@type='checkbox']"));
 for(int i=0; i<checkBoxes.size(); i=i+2){
 checkBoxes.get(i).click();
 }
 int checkedCount=0, uncheckedCount=0;
 for(int i=0; i<checkBoxes.size(); i++){
 System.out.println(i+" checkbox is selected "+checkBoxes.get(i).isSelected());
 if(checkBoxes.get(i).isSelected()){
 checkedCount++;
 }
else{
 uncheckedCount++;
 }
 }
 System.out.println("number of selected checkbox: "+checkedCount);
 System.out.println("number of unselected checkbox: "+uncheckedCount);
 } }
```


1 package Practical_8;
2 import java.util.List;
1630398822880 Marionette DEBUG Received observer notification "outer-window-destroye
[Child 6796, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromi
[Child 6796, Chrome_ChildThread] WARNING: pipe error: 109: file z:/build/build/src/ipc/chromi
Unable to read VR Path Registry from C:\Users\M & V\AppData\Local\openvr\openvrpaths.vrpath
1630398824619 Marionette DEBUG Register listener.js for window 8589934593
1630398824687 Marionette DEBUG Check readyState "uninitialized for "about:blank"
1630398826367 Marionette DEBUG Received DOM event "DOMContentLoaded" for "file:///E:
1630398826372 Marionette DEBUG Received DOM event "pageshow" for "file:///E:/TY.CS/S
1630398827508 Marionette DEBUG Canceled page load listener because no navigation has
1630398827742 Marionette DEBUG Canceled page load listener because no navigation has
0 checkbox is selected true
1 checkbox is selected false
2 checkbox is selected false
number of selected checkbox: 1
number of unselected checkbox: 2


Show checkboxes:
I have a bike
I have a car
I have a boat
Submit