Task 1

Open below application

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

Capture the application url and verify url ends with “login”

Capture the application url and verify url contains “demo”

Capture the application title and verify title contains HRM

**Solution:**

**package sel;**

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

**import org.openqa.selenium.chrome.ChromeDriver;**

**public class Assignment05task01 {**

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

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

**System.setProperty("webdriver.chrome.driver", "D:\\Sill Development\\chromedriver\_win32\\chromedriver.exe");**

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

**driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");**

**String url = driver.getCurrentUrl();**

**System.out.println("url of the site is" +" : "+ url);**

**System.out.println("Does url ends with login" +" : "+url.endsWith("login"));**

**System.out.println("Does url contains demo" +" : "+url.contains("demo"));**

**String title = driver.getTitle();**

**System.out.println("Title of the site is" +" : "+title);**

**System.out.println("Does title contains HRM" +" : "+title.contains("HRM"));**

**driver.close();**

**}**

**}**

Task 2

Open below application and verify logo is present or not

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Solution:**

**package** sel;

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

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

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

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

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Assignment05task02 {

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

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

System.*setProperty*("webdriver.chrome.driver", "D:\\Sill Development\\chromedriver\_win32\\chromedriver.exe");

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

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

Options opt = driver.manage();

Window win = opt.window();

win.maximize();

Thread.*sleep*(5000);

**boolean** logo = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[2]/img[1]")).isDisplayed();

System.***out***.println("Logo is present?" + " " + logo);

driver.close();

}

}

Task 3

Open below application and verify that footer has 4 social media icons

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Solution:**

**package** sel;

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

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

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

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

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Assignment05task03 {

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

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

System.*setProperty*("webdriver.chrome.driver", "D:\\Sill Development\\chromedriver\_win32\\chromedriver.exe");

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

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

Options opt = driver.manage();

Window win = opt.window();

win.maximize();

Thread.*sleep*(5000);

**boolean** youtube = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[4]/\*[1]")).isDisplayed();

System.***out***.println("Utube is present?" + " " + youtube);

**boolean** twit = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[3]/\*[1]")).isDisplayed();

System.***out***.println("twitter is present?" + " " + twit);

**boolean** face = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[2]/\*[1]")).isDisplayed();

System.***out***.println("facebook is present?" + " " + face);

**boolean** ins = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[1]/\*[1]")).isDisplayed();

System.***out***.println("Instagram is present?" + " " + ins);

driver.close();

}}

Task 4

Open the below application and verify the capture all href values from social media icons. Store all 4 href values in map in below format.

FaceBook - fburl

Twitter - Twitter url

Youtube - Youtube URL

Linkedin - Linkedin URL

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Solution:**

**package** sel;

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

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

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

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

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Assignment05task04 {

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

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

System.*setProperty*("webdriver.chrome.driver", "D:\\Sill Development\\chromedriver\_win32\\chromedriver.exe");

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

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

Options opt = driver.manage();

Window win = opt.window();

win.maximize();

Thread.*sleep*(5000);

String youtube = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[4]")).getAttribute("href");

System.***out***.println("Utube href is"+ " " +youtube);

String linkedin = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[1]")).getAttribute("href");

System.***out***.println("linkedin href is"+ " " +linkedin);

String twitter = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[3]")).getAttribute("href");

System.***out***.println("Twitter href is"+ " " +twitter);

String facebook = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[2]")).getAttribute("href");

System.***out***.println("Facebook href is"+ " " +facebook);

driver.close();

}

}

Task 5

Open the below application and verify the capture all href values from social media icons. Run a loop and verify if any url contains youtube. If youtube found then break the loop.

<https://opensource-demo.orangehrmlive.com/web/index.php/auth/login>

**Solution:**

**package** sel;

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

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

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

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

**import** org.openqa.selenium.chrome.ChromeDriver;

**public** **class** Assignment05task04 {

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

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

System.*setProperty*("webdriver.chrome.driver", "D:\\Sill Development\\chromedriver\_win32\\chromedriver.exe");

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

driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login");

Options opt = driver.manage();

Window win = opt.window();

win.maximize();

Thread.*sleep*(5000);

String youtube = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[4]")).getAttribute("href");

System.***out***.println("Utube href is"+ " " +youtube);

String linkedin = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[1]")).getAttribute("href");

System.***out***.println("linkedin href is"+ " " +linkedin);

String twitter = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[3]")).getAttribute("href");

System.***out***.println("Twitter href is"+ " " +twitter);

String facebook = driver.findElement(By.*xpath*("//body/div[@id='app']/div[1]/div[1]/div[1]/div[1]/div[2]/div[3]/div[1]/a[2]")).getAttribute("href");

System.***out***.println("Facebook href is"+ " " +facebook);

**if** (youtube.contains("youtube")) {

driver.quit();}

**else** {

System.***out***.println("No youtube word in youtube url");

}

**if** (linkedin.contains("youtube")) {

driver.quit();}

**else** {

System.***out***.println("No youtube word in linkedin url");

}

**if** (twitter.contains("youtube")) {

driver.quit();}

**else** {

System.***out***.println("No youtube word in twitter url");

}

**if** (facebook.contains("youtube")) {

driver.quit();}

**else** {

System.***out***.println("No youtube word in facebook url");

}

}}