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

**Answer** :

package Assignment5;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class Question1 {

public static void main(String[] args)

{

WebDriver driver=new ChromeDriver();

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

String URL=driver.getCurrentUrl();

if (URL.contains("login"))

{

System.out.println("URL ends with login");

}

if (URL.contains("demo"))

{

System.out.println("URL contains Demo");

}

String title=driver.getTitle();

if (title.contains("HRM"))

{

System.out.println("Text is present");

}

driver.quit();

}

}

Task 2

Open below application and verify logo is present or not

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

Answer :

package Assignment5;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class question2 {

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

{

WebDriver driver=new ChromeDriver();

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

Thread.sleep(7000);

WebElement logo=driver.findElement(By.xpath("//img"));

System.out.println(logo);

System.out.println("Logo is present");

driver.quit();

}

}

Task 3

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

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

**Answer** :

package Assignment5;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Question3 {

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

{

{

WebDriver driver=new ChromeDriver();

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

Thread.sleep(4000);

WebElement Linkedin=driver.findElement(By.xpath("(//a)[1]"));

System.out.println("Linked in Logo is present");

WebElement Facebook=driver.findElement(By.xpath("(//a)[2]"));

System.out.println("Facebook Logo is present");

WebElement Twitter=driver.findElement(By.xpath("(//a)[3]"));

System.out.println("Twitter Logo is present");

WebElement Youtube=driver.findElement(By.xpath("(//a)[4]"));

System.out.println("Youtube Logo is present");

driver.quit();

}

}

}

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>

**Answer** :

**package** Assignment5;

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

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

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

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

**public** **class** Question4 {

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

{

{

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

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

Thread.*sleep*(4000);

WebElement Linkedin=driver.findElement(By.*xpath*("(//a)[1]"));

String text=Linkedin.getAttribute("href");

System.***out***.println("Linkedin URL :"+text);

WebElement Facebook=driver.findElement(By.*xpath*("(//a)[2]"));

String text1=Facebook.getAttribute("href");

System.***out***.println("Facebook URL :"+text1);

WebElement Twitter=driver.findElement(By.*xpath*("(//a)[3]"));

String text2=Twitter.getAttribute("href");

System.***out***.println("Twitter URL :"+text2);

WebElement Youtube=driver.findElement(By.*xpath*("(//a)[4]"));

String text3=Youtube.getAttribute("href");

System.***out***.println("Youtube URL :"+text3);

driver.quit();

}

}

}

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>

**answer** :

**package** Assignment5;

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

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

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

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

**public** **class** Question5 {

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

{

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

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

Thread.*sleep*(4000);

WebElement Linkedin=driver.findElement(By.*xpath*("(//a)[1]"));

String text=Linkedin.getAttribute("href");

WebElement Facebook=driver.findElement(By.*xpath*("(//a)[2]"));

String text1=Facebook.getAttribute("href");

WebElement Twitter=driver.findElement(By.*xpath*("(//a)[3]"));

String text2=Twitter.getAttribute("href");

WebElement Youtube=driver.findElement(By.*xpath*("(//a)[4]"));

String text3=Youtube.getAttribute("href");

String Var[]= {text,text1,text2,text3};

**for** (String var2:Var)

{

System.***out***.println("Value is :"+var2);

**if** (var2.contains("https://www.youtube.com/c/OrangeHRMInc"));

{

System.***out***.println("Exiting the Loop");

**break**;

}

}

driver.quit();

}

}