# 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

Ans: package seleniumWebdriver;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class webElementsCommands5 {

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

// TODO Auto-generated method stub

WebDriver driver = new ChromeDriver();

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

driver.manage().deleteAllCookies();

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

String url = driver.getCurrentUrl();

if(url.endsWith("login")) {

System.out.println("Url Ends with Login");

}

if(url.contains("demo")) {

System.out.println("Url contains demo");

}

String title = driver.getTitle();

System.out.println(title);

if(title.contains("HRM")) {

System.out.println("Title contains HRM");

}

# Task 2

Open below application and verify logo is present or not

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

Ans: package seleniumWebdriver;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class webElementsCommands6 {

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

// TODO Auto-generated method stub

WebDriver driver = new ChromeDriver();

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

driver.manage().deleteAllCookies();

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

Thread.sleep(5000);

WebElement logo= driver.findElement(By.xpath("//div[@class='orangehrm-login-logo-mobile']//img[@alt='orangehrm-logo']"));

if(logo.isDisplayed()) {

System.out.println("Logo Present");

}

else {

System.out.println("Logo not present");

}

}

}

# Task 3

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

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

Ans: package seleniumWebdriver;

import java.util.List;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class webElementsCommands7 {

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

// TODO Auto-generated method stub

WebDriver driver = new ChromeDriver();

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

//driver.manage().deleteAllCookies();

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

Thread.sleep(5000);

WebElement link= driver.findElement(By.className("orangehrm-login-footer-sm"));

List <WebElement> footerLink = link.findElements(By.tagName("a"));

System.out.println(footerLink.size());

}

}

# 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>

Ans: package seleniumWebdriver;

import java.util.HashMap;

import java.util.List;

import java.util.Map;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class webElementsCommands7 {

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

// TODO Auto-generated method stub

WebDriver driver = new ChromeDriver();

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

//driver.manage().deleteAllCookies();

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

Thread.sleep(5000);

WebElement Linkedin = driver.findElement(By.xpath("//a[@href='https://www.linkedin.com/company/orangehrm/mycompany/']"));

WebElement Facebook = driver.findElement(By.xpath("//a[@href='https://www.facebook.com/OrangeHRM/']"));

WebElement Twitter = driver.findElement(By.xpath("//a[@href='https://twitter.com/orangehrm?lang=en']"));

WebElement Youtube = driver.findElement(By.xpath("//a[@href='https://www.youtube.com/c/OrangeHRMInc']"));

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

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

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

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

Map<String, String> socialMediaUrl = new HashMap<String, String>();

socialMediaUrl.put("Linkedin", linkedUrl);

socialMediaUrl.put("Facebook", fbUrl);

socialMediaUrl.put("Twitter", TwitterUrl);

socialMediaUrl.put("Youtube", YtUrl);

for(String i : socialMediaUrl.keySet()) {

System.out.println(i +" - " +socialMediaUrl.get(i));

}

}

}

# 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>

Ans: package seleniumWebdriver;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Map;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Xpaths2 {

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

// TODO Auto-generated method stub

// syntax for xpath

// //tagname[@attribute='value']

WebDriver driver = new ChromeDriver();

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

//driver.manage().deleteAllCookies();

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

Thread.sleep(5000);

WebElement Linkedin = driver.findElement(By.xpath("//a[@href='https://www.linkedin.com/company/orangehrm/mycompany/']"));

WebElement Facebook = driver.findElement(By.xpath("//a[@href='https://www.facebook.com/OrangeHRM/']"));

WebElement Twitter = driver.findElement(By.xpath("//a[@href='https://twitter.com/orangehrm?lang=en']"));

WebElement Youtube = driver.findElement(By.xpath("//a[@href='https://www.youtube.com/c/OrangeHRMInc']"));

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

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

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

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

ArrayList<String> socialMediaUrl = new ArrayList<String>();

socialMediaUrl.add(TwitterUrl);

socialMediaUrl.add(linkedUrl);

socialMediaUrl.add(YtUrl);

socialMediaUrl.add(fbUrl);

for(int i = 0; i<socialMediaUrl.size(); i++) {

if(socialMediaUrl.get(i).contains("youtube")) {

break;

}

System.out.println(socialMediaUrl.get(i));

}

}

}