# 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

**package** assignment5;

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

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

**public** **class** Task1 {

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

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

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

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

Thread.*sleep*(3000);

String currentUrl = driver.getCurrentUrl();

System.***out***.println(currentUrl);

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

**boolean** flag = currentUrl.endsWith("login");

**if**(flag) {

System.***out***.println("Url is ends with login");

}

**else** {

System.***out***.println("Url does not ends with login");

}

//Capture the application url and verify url contains “demo”

**boolean** flag1 = currentUrl.contains("demo");

**if**(flag1) {

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

}

**else** {

System.***out***.println("Url does not contains demo");

}

//Capture the application title and verify title contains HRM

**boolean** flag2 = currentUrl.contains("HRM");

**if**(flag2) {

System.***out***.println("Url contains HRM");

}

**else** {

System.***out***.println("Url does not contains HRM");

}

driver.quit();

}

}

# Task 2

Open below application and verify logo is present or not

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

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 Task2 {

//Open below application and verify logo is present or not

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

WebDriver driver = new ChromeDriver();

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

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

Thread.sleep(3000);

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

if(brand.isDisplayed()) {

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

}else {

System.out.println("Logo is not 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>

# 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>

**package** assignment5;

**import** java.util.ArrayList;

**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** Task4 {

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

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

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

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

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

Thread.*sleep*(3000);

// create a new List with all social names

List<String> socialNames = **new** ArrayList<String>();

socialNames.add("facebook");

socialNames.add("twitter");

socialNames.add("youtube");

socialNames.add("linkedin");

System.***out***.println(socialNames);

List<WebElement> social\_icons = driver

.findElements(By.*xpath*("//div[@class='orangehrm-login-footer-sm']//a[@href]"));

System.***out***.println(social\_icons.size());

// create an empty list and added all value which is coming from list of all

// href webelement list

List<String> bl = **new** ArrayList<String>();

**for** (WebElement socialIcon : social\_icons) {

String url = socialIcon.getAttribute("href");

bl.add(url);

}

// create an empty Map of string type

Map<String, String> m1 = **new** HashMap<String, String>();

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

**for** (**int** j = 0; j < bl.size(); j++) {

**if** (bl.get(j).contains(socialNames.get(i))) {

m1.put(socialNames.get(i), bl.get(j));

**break**;

}

}

}

System.***out***.println(m1);

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>

package assignment5;

import java.util.ArrayList;

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 Task5 {

//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

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

WebDriver driver = new ChromeDriver();

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

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

Thread.sleep(3000);

List<WebElement> social\_icons = driver.findElements(By.xpath("//div[@class='orangehrm-login-footer-sm']/a"));

System.out.println(social\_icons.size());

List<String> allHref = new ArrayList<String>();

for(WebElement social: social\_icons ) {

String hrefValues = social.getAttribute("href");

allHref.add(hrefValues);

}

System.out.println("All href values are captured: "+allHref);

for(String ele:allHref) {

System.out.println(ele);

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

break;

}

}

driver.quit();

}

}