**Task1:**

**Open below application**

[**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

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

**ANS:**

***package base;***

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

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

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

***System.out.println("THe Current Page URL is :: "+ " "+CnPageURL);***

***boolean log=CnPageURL.contains("login");***

***System.out.println("The URL is contains the login "+ log);***

***}}***

**T2:**

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

**package base;**

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

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

**public class Assignment5**

**{**

**static WebDriver driver;**

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

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

**driver=new ChromeDriver();**

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

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

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

**System.out.println("THe Current Page URL is :: "+ " "+CnPageURL);**

**boolean demo=CnPageURL.contains("demo");**

**System.out.println("The URL is contains the demo "+ demo);**

**}**

**}**

**T3:**

**Capture the application title and verify title contains HRM**

**ANS:**

***package base;***

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

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

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

***System.out.println("THe Current Page title is :: "+ " "+title);***

***boolean demo=title.contains("HRM");***

***System.out.println("The page title is contains the HRM "+ demo);***

***}***

***}***

# **Task 2**

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

[**https://opensource-demo.orangehrmlive.com/web/index.php/auth/login**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

**ANS:**

**package base;**

**import java.util.concurrent.TimeUnit;**

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

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

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

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

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

***boolean img=image.isDisplayed();***

***System.out.println("The image is displayed or not"+ " "+img);***

***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**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

***ANS:***

***package base;***

***import java.util.concurrent.TimeUnit;***

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

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

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

***driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);***

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

***WebElement Linkdin=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[1]"));***

***WebElement facebook=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[2]"));***

***WebElement twitter=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[3]"));***

***WebElement youtube=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[4]"));***

***boolean link=Linkdin.isDisplayed();***

***System.out.println("The linkdin icon is available in footer area "+ " "+link);***

***boolean face=facebook.isDisplayed();***

***System.out.println("The Facebook icon is available in footer area "+ " "+face);***

***boolean twter=twitter.isDisplayed();***

***System.out.println("The Twitter icon is available in footer area "+ " "+twter);***

***boolean youtbe=youtube.isDisplayed();***

***System.out.println("The Youtube icon is available in footer area "+ " "+youtbe);***

***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**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

**ANS:**

***package base;***

***import java.util.HashMap;***

***import java.util.Map;***

***import java.util.concurrent.TimeUnit;***

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

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

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

***driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);***

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

***WebElement Linkdin=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[@href=\"https://www.linkedin.com/company/orangehrm/mycompany/\"]"));***

***WebElement facebook=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[@href=\"https://www.facebook.com/OrangeHRM/\"]"));***

***WebElement twitter=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[@href=\"https://twitter.com/orangehrm?lang=en\"]"));***

***WebElement youtube=driver.findElement(By.xpath("//div[@class='orangehrm-login-footer-sm']/child::a[@href=\"https://www.youtube.com/c/OrangeHRMInc\"]"));***

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

***MApStore.put("Linkdin", "Linkdin");***

***MApStore.put("Facebook", "facebook");***

***MApStore.put("Twitter", "twitter");***

***MApStore.put("Youtube", "youtube");***

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

***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**](https://opensource-demo.orangehrmlive.com/web/index.php/auth/login)

**ANS:**

***package base;***

***import java.util.HashMap;***

***import java.util.List;***

***import java.util.Map;***

***import java.util.concurrent.TimeUnit;***

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

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

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

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

***public class Assignment5***

***{***

***static WebDriver driver;***

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

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

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

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

***driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);***

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

***List<WebElement> allhref=driver.findElements(By.xpath("//\*[@href]"));***

***System.out.println(allhref.size());***

***boolean youtube=allhref.contains("youtube");***

***for(WebElement el:allhref)***

***{***

***String you=el.getAttribute("href");***

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

***{***

***System.out.println("The Youtube href found::");***

***break;***

***}***

***}***

***driver.close();***

***}***

***}***