# 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”

Solution:

**public** **class** VerifyUrlEndsWith{

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

// Create a new instance of the Chrome driver

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

// Use the driver to open the OrangeHRM Live demo site

driver.get("https://opensource-demo.orangehrmlive.com/");

// Get the URL of the current page

String currentUrl = driver.getCurrentUrl();

// Verify that the URL ends with "login"

**if** (currentUrl.endsWith("login")) {

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

} **else** {

System.***out***.println("The URL does not end with 'login'.");

}

// Close the browser

driver.close(); }}

Capture the application url and verify url contains “demo”

Solution:

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

// Create a new instance of the Chrome driver

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

// Use the driver to open the OrangeHRM Live demo site

driver.get("https://opensource-demo.orangehrmlive.com/");

// Get the URL of the current page

String currentUrl = driver.getCurrentUrl();

// Verify that the URL contains with "demo"

**if** (currentUrl.contains("demo")) {

System.***out***.println("The URL contains the string 'demo'");

} **else** {

System.***out***.println("The URL does not contains the string 'demo'");

}

// Close the browser

driver.close();

}

}

Capture the application title and verify title contains HRM

Solution:

**public** **class** VerifyUrlTitle {

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

// Create a new instance of the Chrome driver

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

// Use the driver to open the OrangeHRM Live demo site

driver.get("https://opensource-demo.orangehrmlive.com/");

// Get the title of the URL

String title = driver.getTitle();

// Verify that the URL title is "HRM"

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

System.***out***.println("The page title contains the string 'HRM'");

} **else** {

System.***out***.println("The page title does not contains the string 'HRM'");

}

// Close the browser

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:

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

// Create a new instance of the Chrome driver

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

// Use the driver to open the OrangeHRM Live demo site

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

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

WebElement logoElement = driver.findElement(By.*cssSelector*(".orangehrm-login-branding"));

**if** (logoElement.isDisplayed()) {

System.***out***.println("The logo is present on the page");

} **else** {

System.***out***.println("The logo is not present on the page");

}

// Close the browser

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:

**public** **class** VerifyPageIcons {

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

// Create a new instance of the Chrome driver

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

// Use the driver to open the OrangeHRM Live demo site

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

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

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

// Find the footer element

WebElement footer\_icons = driver.findElement(By.*xpath*("//div[@class='orangehrm-login-footer-sm']"));

**int** numIcons =

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

**if** (numIcons == 4) {

System.***out***.println("Footer has four social media icons");

} **else** {

System.***out***.println("Footer does not have four social media icons");

}

// Close the browser

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>

Solution:

**public** **class** StoreHrefMap {

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

// Create a new instance of the Chrome driver

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

// Navigate to the website

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

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

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

// Verify that there are four social media icons in the footer

WebElement footer\_icons = driver.findElement(By.*xpath*("//div[@class='orangehrm-login-footer-sm']"));

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

HashMap<String, String> socialMediaLinks = **new** HashMap<String, String>();

**if** (icons.size() == 4) {

System.***out***.println("Footer has four social media icons");

**for**(WebElement icon : icons){

String href = icon.getAttribute("href");

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

socialMediaLinks.put("Facebook", href);

}**else** **if**(href.contains("witter")){

socialMediaLinks.put("Twitter", href);

}**else** **if**(href.contains("outube")){

socialMediaLinks.put("Youtube", href);

}**else** **if**(href.contains("inkedin")){

socialMediaLinks.put("Linkedin", href);

}

}

} **else** {

System.***out***.println("Footer does not have four social media icons");

}

//print the map

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

// Close the browser

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>

Solution:

**public** **class** VerifyHrefURL {

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

// Create a new instance of the Chrome driver

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

// Navigate to the website

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

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

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

// Verify that there are four social media icons in the footer

WebElement footer\_icons = driver.findElement(By.*xpath*("//div[@class='orangehrm-login-footer-sm']"));

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

**boolean** isYoutubeFound = **false**;

**for**(WebElement icon : icons){

String href = icon.getAttribute("href");

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

isYoutubeFound = **true**;

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

**break**;

}

}

**if**(!isYoutubeFound){

System.***out***.println("Youtube link not found");

}

// Close the browser

driver.quit();

}

}