# **Task 1**

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

**Try to use contains , xpath axes, text functions**

**Write a minimum 3 XPath and 3 CSS Selector for the username**

**Write a minimum 3 XPath and 3 CSS Selector for the password**

**Write a minimum 3 XPath and 3 CSS Selector for the login button**

**ANS:**

**XPATH: For Username:**

**1- //input[@name='username']**

**2- //label[contains(text(),'Username')]/parent::div/following-sibling::div/input**

**3- //label[contains(text(),'Username')]/parent::div/following-sibling::div/input[@placeholder='Username']**

**CSS Selector: For UserName:**

**1- input#Username**

**2- css=input[placeholder=’Username’]**

**3- css=tag:contains(“Username”)**

**XPATH: For Password:**

**1- //label[contains(text(),'Password')]//parent::div/following-sibling::div/input**

**2- //label[contains(text(),'Password')]//parent::div/following-sibling::div/input[@type='password']**

**3- //label[contains(text(),'Password')]//parent::div/following-sibling::div/input[@name='password']**

**CSS Selector:**

**1- input#Password**

**2- css=input[placeholder=’Password’]**

**3- css=tag:contains(“Password”)**

**XPATH for Login Button:**

**1- //div[@class='oxd-form-actions orangehrm-login-action']/descendant::button**

**2- //div[@class='oxd-form-actions orangehrm-login-action']/child::button**

**3- //div[@class='oxd-form-actions orangehrm-login-action']/child::button[@type='submit']**

**CSS Selector For Login Button:**

**1- button#Login**

**2- css=button[text()=’Password’]**

**3- css=tag:contains(“Loginbtn”)**

# Task 2

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

admin/admin123

Write dynamic xpath which should match all below elements

ANS:

Below xpath is matching 11 elements:

//aside[contains(@class,'oxd-sidepanel')]//child::nav/child::div[2]/child::ul/li

**Type A in employee name and write XPath which matches all element in suggestions**

Below xpath matches the list of search results

//div[@class='oxd-autocomplete-wrapper']/child::div/following-sibling::div[@role='listbox']

**Q- Write xpath (min 3 and max no limit) for all elements under Add User section**

1- For User Role Field

//\*[contains(text(),'User Role')]//ancestor::div[@class='oxd-input-group\_\_label-wrapper']/following-sibling::div

2- For status Field

//\*[contains(text(),'Status')]//ancestor::div[@class='oxd-input-group\_\_label-wrapper']/following-sibling::div

3- For Password Field

//\*[contains(text(),'Password')]//ancestor::div[@class='oxd-input-group\_\_label-wrapper']/following-sibling::div[1]

**Q- Task 3**

**Write a script that should be able to add user > search user > delete the user.**

**Flow- Login > Admin> Add User> Search User > Delete User > Logout**

**Add an assertion after each section**

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

**Admin/admin123**

**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;***

***import org.openqa.selenium.support.ui.Select;***

***public class Assignment5***

***{***

***static WebDriver driver;***

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

***// 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");***

***//Username***

***driver.findElement(By.name("username")).sendKeys("Admin");***

***//Password***

***driver.findElement(By.name("password")).sendKeys("admin123");***

***//Login Button***

***driver.findElement(By.xpath("//button[@type='submit']")).click();***

***//Admin***

***driver.findElement(By.xpath("//a[@class='oxd-main-menu-item active']/child::span")).click();***

***Thread.sleep(3000);***

***//Add Button***

***driver.findElement(By.xpath("//div[@class='orangehrm-header-container']/descendant::button")).click();***

***Thread.sleep(3000);***

***//User role field***

***Select userRole=new Select( driver.findElement(By.xpath(" //\*[contains(text(),'User Role')]//ancestor::div[@class='oxd-input-group\_\_label-wrapper']/following-sibling::div")));***

***userRole.selectByVisibleText("Admin");***

***//Status***

***Select Status=new Select(driver.findElement(By.xpath("(//div[@class='oxd-select-text-input'])[2]")));***

***Status.selectByVisibleText("Enabled");***

***//password field***

***driver.findElement(By.xpath("//\*[contains(text(),'Password')]//ancestor::div[@class='oxd-input-group\_\_label-wrapper']/following-sibling::div[1]\r\n"***

***+ "")).sendKeys("Abc@3699");***

***//Emp Name***

***driver.findElement(By.xpath("//input[@placeholder='Type for hints...']")).sendKeys("Bhanu prasad");***

***//Username***

***driver.findElement(By.xpath("//input[@class='oxd-input oxd-input--active']")).sendKeys("Bhairu");***

***//Confirm Password***

***driver.findElement(By.xpath("(//input[@type='password'])[2]")).sendKeys("Abc@3699");***

***//Save Btn***

***driver.findElement(By.xpath("(//input[@type='save'])[2]"));***

***//Search User***

***driver.findElement(By.xpath("//\*[@id=\"app\"]/div[1]/div[2]/div[2]/div/div[1]/div[2]/form/div[1]/div/div[1]/div/div[2]/input")).sendKeys("Bhairu");***

***//Search Icon***

***driver.findElement(By.xpath("//button[@type='submit']")).click();***

***//Checkbox***

***driver.findElement(By.xpath("(//span/i[@class='oxd-icon bi-check oxd-checkbox-input-icon'])[2]")).click();***

***//Delete Icon***

***driver.findElement(By.xpath("//button/i[@class='oxd-icon bi-trash']")).click();***

***//menu Icon***

***driver.findElement(By.xpath("//span[@class='oxd-userdropdown-tab']")).click();***

***//Logout Button***

***driver.findElement(By.xpath("//a[contains(text(),'Logout')]")).click();***

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

***}***

***}***