

Task 1

Open below application

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

Click on login button (No need to enter login details)

Verify required fields present for username and password

Verify that username and password have border of 1px.

Note- use getCssProperty to fetch css details

Username

Required

Password

Required

Login

Answer:

```
package Assignment7;
```

```
import java.time.Duration;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

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

```
public class Script1 {
```

```
    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().timeouts().implicitlyWait(Duration.ofSeconds(15));

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

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

        WebElement
warning1=driver.findElement(By.xpath("//span[text()='Required']")[1]));

        String text1=warning1.getText();

        System.out.println("Required field is present for username:"+text1);

        WebElement
warning2=driver.findElement(By.xpath("//span[text()='Required']")[2]));

        String text2=warning1.getText();

        System.out.println("Required field is present for password:"+text2);

        WebElement UN=driver.findElement(By.xpath("//input[@name='username']"));

        String px1=UN.getCssValue("border");

        System.out.println("Border for UN:"+px1);

        WebElement Pwd=driver.findElement(By.xpath("//input[@name='password']"));

        String px2=UN.getCssValue("border");

        System.out.println("Border for Pwd:"+px2);

    }

}

```

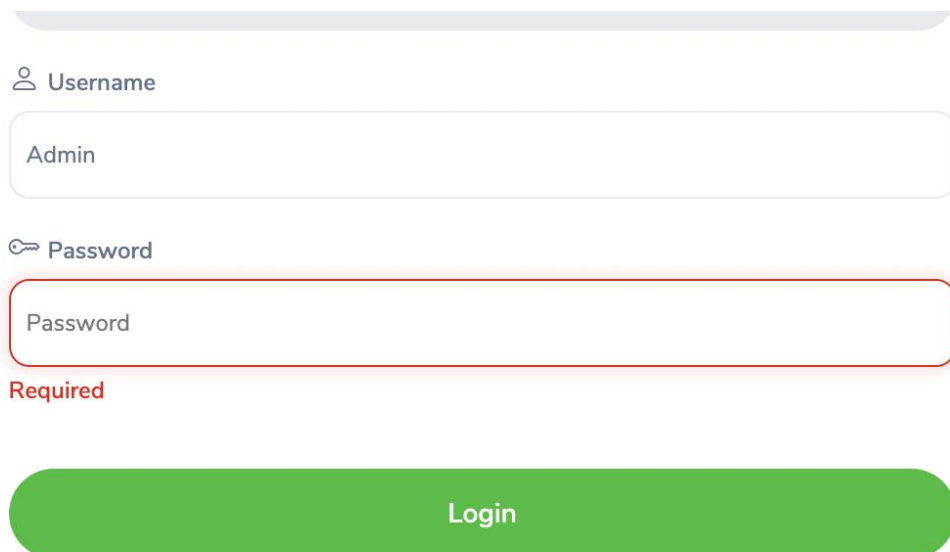
Task 2

Open below application

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

Enter username as admin and click on the login button

Verify password field is showing the required message.



The screenshot shows the login interface of the OrangeHRM application. It features a light gray header bar. Below it, there are two input fields: 'Username' and 'Password'. The 'Username' field contains the text 'Admin'. The 'Password' field is empty and has a red border, indicating it is required. Below the 'Password' field, the word 'Required' is written in red. At the bottom of the form, there is a green 'Login' button.

Answer :

```
package Assignment7;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
```

```

public class Scrip2 {

    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().timeouts().implicitlyWait(Duration.ofSeconds(15));

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

        driver.findElement(By.xpath("//input[@name='username']")).sendKeys("Admin");

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

        Thread.sleep(5000);

        WebElement
warning2=driver.findElement(By.xpath("//span[text()='Required']"));

        String text2=warning2.getText();

        System.out.println("Required field is present for
password:"+text2);

    }

}

```

Task 3

Open below application

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

Enter username as admin and password as mukesh and click on the login button

Capture error message and verify message contains Invalid credentials

login



Invalid credentials

Username : Admin
Password : admin123

 Username

 Password

Answer :

```
package Assignment7;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class Script3 {

    public static void main(String[] args)

    {
        WebDriver driver=new ChromeDriver();

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

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));

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

```

        driver.findElement(By.xpath("//input[@name='username']")).sendKeys("Admin");

        driver.findElement(By.xpath("//input[@name='password']")).sendKeys("Mukesh");

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

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));

        WebElement error=driver.findElement(By.xpath("//p[text()='Invalid credentials']"));

        String text=error.getText();

        System.out.println(text);

    }

}

```

Task 4

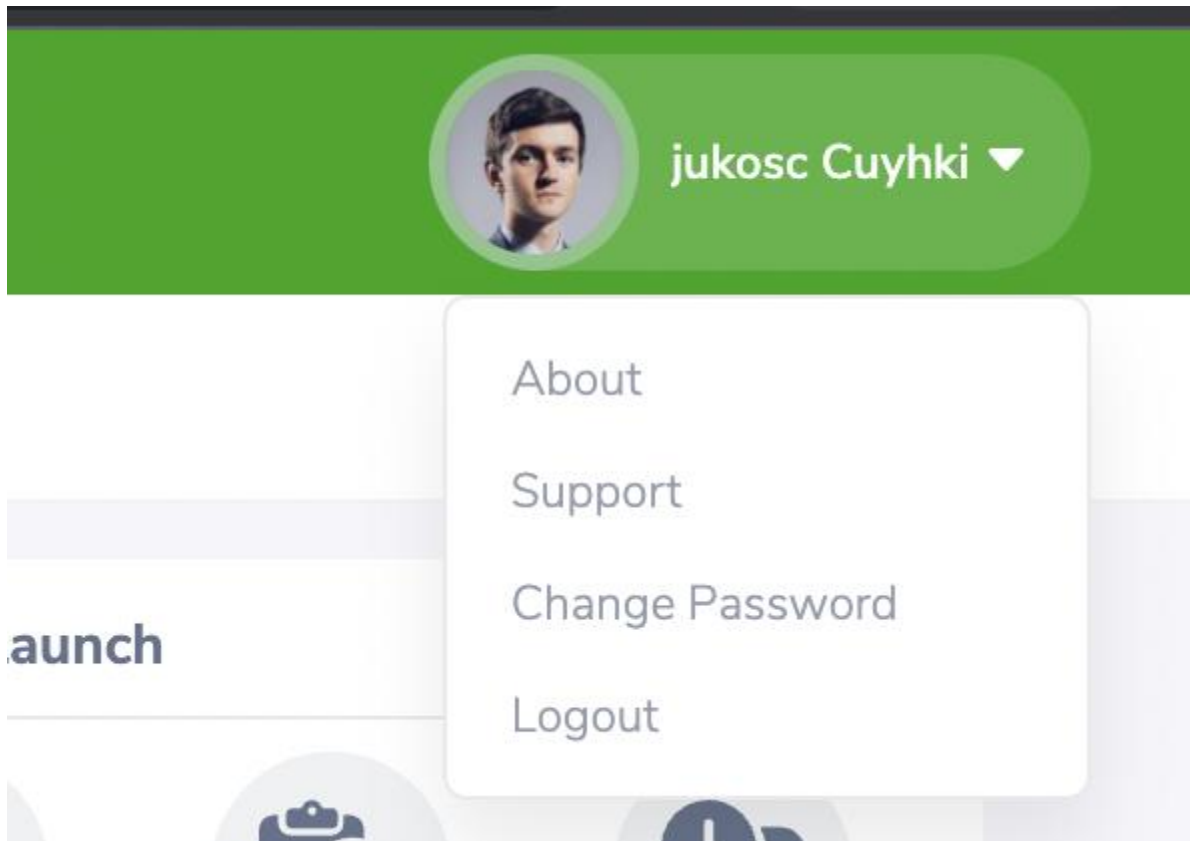
Open below application

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

Enter username as admin and password as admin123 and click on the login button

Capture the url and verify url contains dashboard

Click on image > Click on Logout



Verify after logout the user is able to navigate to the login page.

Answer:

```
package Assignment7;

import java.time.Duration;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Script4 {

    public static void main(String[] args)

    {
        WebDriver driver=new ChromeDriver();

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


        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));
```

```

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

        driver.findElement(By.xpath("//input[@name='username']")).sendKeys("Admin");

        driver.findElement(By.xpath("//input[@name='password']")).sendKeys("admin123");

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

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));

        String url=driver.getCurrentUrl();

        if(url.contains("dashboard"))
        {
            System.out.println("URL contains Dashboard");
        }

        driver.findElement(By.xpath("//img[@alt='profile picture']")[1])).click();

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

        String url1=driver.getCurrentUrl();

        if(url1.contains("login"))
        {
            System.out.println("Login Page");
        }
    }
}

```

Task 5-

Run all the above tests in Chrome, Firefox, Edge Browser