**PRACTICAL NO :4**

Write a program using Selenium WebDriver to automate the login process on a specific web page. Verify successful login with appropriate assertions.

* **Input :**

**Code ForLogin.html File :**

<!DOCTYPE html>

<html>

<head>

<title>Login Page</title>

<style>

body {

font-family: Time news roman, sans-serif;

}

.container {

width: 300px;

margin: 0 auto;

padding: 20px;

border: 1px solid #ccc;

border-radius: 5px;

}

.container h2 {

text-align: center;

}

.container input[type="text"],

.container input[type="password"] {

width: 100%;

padding: 12px 20px;

margin: 8px 0;

display: inline-block;

border: 1px solid #ccc;

box-sizing: border-box;

border-radius: 4px;

}

.container button {

background-color: Blue;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

cursor: pointer;

width: 100%;

border-radius: 4px;

}

.container button:hover {

background-color: Blue;

}

</style>

</head>

<body>

<div class="container">

<h1><center><b>Login</center></b></h1><br>

<form action="login.php" method="POST">

<label for="username"><b>Username:</b></label>

<input type="text" id="username" name="username" required>

<label for="password"><b>Password:</b></label>

<input type="password" id="password" name="password" required>

<button type="submit" id="submit" name="submit"><b>Login<b></button>

</form>

</div>

</body>

</html>

**Code For login.php File :**

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

$username = $\_POST['username'];

$password = $\_POST['password'];

// Here, you should check the credentials against your database or some other data source

// For the sake of simplicity, let's assume the username is "admin" and the password is "password"

if ($username === 'Sejal' && $password === 'Sejal03') {

header('Location: welcome.php');

exit;

} else {

echo 'Invalid username or password. Please try again.';

// You might want to redirect the user back to the login page or handle the error differently

}

}

?>

**Code For welcome.php File :**

<!DOCTYPE html>

<html>

<head>

<title>Welcome Page</title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

padding: 50px;

}

</style>

</head>

<body>

<h2>Welcome Sejal!</h2><br>

<p>You Have Successfully Login.</p>

</body>

</html>

* **Code in NetBeans:**

package practical4stqa;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

/\*\*

\*

\* @author SEJAL

\*/

public class Practical4STQA {

public static void main(String[] args) {

System.setProperty("webdriver.gecko.driver","D:\\@TYCS\\Software Testing & Quality\\Practical 4\\Practical4STQA\\src\\Driver\\geckodriver.exe");

WebDriver driver = new FirefoxDriver(); driver.get("http://localhost/Sejal%20Sawant/@TYCS/Practical%204/Login.html");

driver.findElement(By.name("username")).sendKeys("Sejal");

driver.findElement(By.name("password")).sendKeys("Sejal03");

driver.findElement(By.name("submit")).click();

String title = driver.getTitle();

if (title.equalsIgnoreCase("")) {

System.out.println("Login Failed");

}else{

System.out.println("Login Successfully");

}

}

}

* **Output :**





