Automate Web Page

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <script type="text/JavaScript">
        function checkLoginDetails() {
            //   return false;
        let email = document.getElementById("email").value;
        let password = document.getElementById("password").value;
        if(email.length==0){
            alert("Emailid is required")
            return false;
        }else if(password.length==0){
            alert("Password is required")
            return false;
        }else if(email=="akash@gmail.com" && password=="123"){
            alert("Successfully login")
            return true;
        }else {
            alert("failure try once again")
            return false;
        }
        }
    </script>
</head>
<body>
    <h2>Login Page</h2>
    <form action="home.html" onsubmit="return checkLoginDetails()">
        <label>EmailId</label>
         <input type="email" name="email" id="email"/><br/>
        <label>Password</label>
        <input type="password" name="password" id="password"/><br/>
        <input type="submit" value="submit" id="b1"/>
        <input type="reset" value="reset" id="b2"/>
    </form>
</body>
</html>
```

Home.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h2>Welcome to Home Page</h2>
</body>
</html>
```

LoginPageDemo.Java

```java
package com;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.Alert;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.edge.EdgeDriver;

public class LoginPageDemo {

        public static void main(String[] args) {

                // TODO Auto-generated method stub

                System.setProperty("webdriver.edge.driver",
"F:\\edgedriver_win64\\msedgedriver.exe");

                WebDriver driver = new EdgeDriver();

                driver.get("http://127.0.0.1:5500/index.html");

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

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

WebElement emailId = driver.findElement(By.id("email"));

WebElement password = driver.findElement(By.id("password"));

WebElement submitButton = driver.findElement(By.id("b1"));

WebElement resetButton = driver.findElement(By.id("b2"));




//              // without writing emailid

//              // submitButton.click();

//              Alert alert= driver.switchTo().alert();

//              System.out.println(alert.getText());

//              alert.dismiss();




//              // Emailid written but password write

//              emailId.sendKeys("raj@gmail.com");

//              submitButton.click();

//              Alert alert= driver.switchTo().alert();

//              System.out.println(alert.getText());

//              alert.dismiss();



//              // wrong emailid and password

//              emailId.sendKeys("raj@gmail.com");

//              password.sendKeys("123456");

//              submitButton.click();

//              Alert alert= driver.switchTo().alert();

//              System.out.println(alert.getText());

//              alert.dismiss();



//              // Correct emailid and password
```

```java
                    emailId.sendKeys("akash@gmail.com");

                    password.sendKeys("123");

                    submitButton.click();

                    Alert alert= driver.switchTo().alert();

                        System.out.println(alert.getText());

                    alert.dismiss();
//                      driver.quit();
//          String beforeClickUrl = driver.getCurrentUrl();
//          System.out.println(beforeClickUrl);
//          //resetButton.click();
//          submitButton.click();
//          String afterClickUrl = driver.getCurrentUrl();
//          System.out.println(afterClickUrl);
        }


}
```

127.0.0.1:5500/index.html

Microsoft Edge is being controlled by automated test software.

Login Page

EmailId `akash@gmail.com`

Password

[submit] [reset]

127.0.0.1:5500/index.html

Microsoft Edge is being controlled by automated test software.

127.0.0.1:5500 says

Successfully login

OK

Login Page

EmailId | akash@gmail.com
Password | •••

submit | reset

127.0.0.1:5500/home.html?email=akash%40gmail.com&password=123

Welcome to Home Page

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

Problems   Servers   Terminal   Data Source Explorer   Properties   Console ×   Results of running class LoginTesting

LoginPageDemo [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (08-Feb-2024, 4:05:39 pm) [pid: 17944]

```
Feb 08, 2024 4:05:42 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 121, returning the closest version; found: 119; Please update to a Selenium version that supports CDP version 121
Successfully login
```