

STQA

Practical no: 4

#AIM: Write and test a program to login a specific webpage.

REQUIREMENTS:

- 1) Selenium IDE extension on a browser and Eclipse.

Perform the following

1. Create a webpage as shown below and save the file in XAMPP/HTDOCS as Login.html
2. Create Test cases for all possible scenarios
3. Save as Test Suite and execute it.

Solution

Write the following code and save in C://xampp/htdocs folder as Login.html

```
<html>

<head>

<title>

Login page

</title>

</head>

<body>

<form id='login' action='user.php' method='post' accept-charset='UTF-8'>

Username*:

<input type='text' name='username' id='username' maxlength="50"/>

Password*:

<input type='password' name='password' id='password' maxlength="50"/><input type='submit'

name='button' value='Submit'></form>

</body>

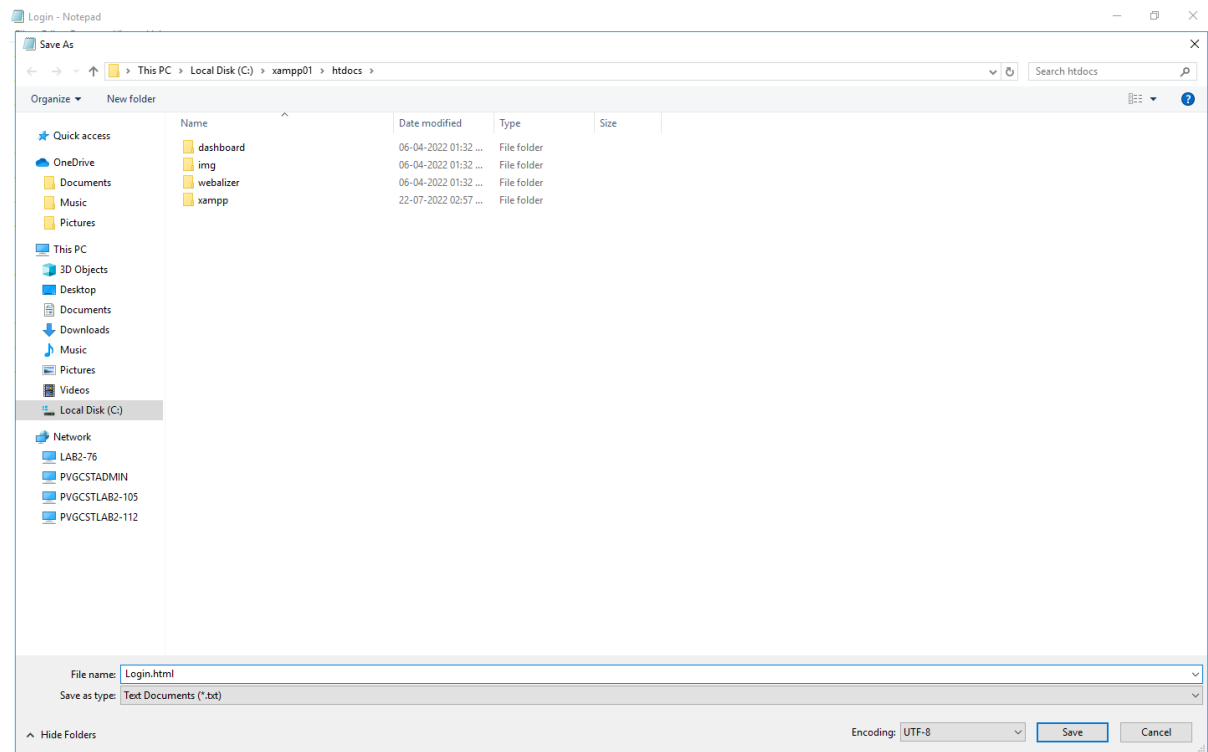
</html>
```

```
Login - Notepad
File Edit Format View Help

<html>
<head>
<title>
Login page
</title>
</head>
<body>
<form id='login' action='user.php' method='post' accept-charset='UTF-8'>
Username*:
<input type='text' name='username' id='username' maxlength="50"/>
Password*:
<input type='password' name='password' id='password' maxlength="50"/><input type='submit' name='button' value='Submit'></form>
</body>
</html>
|
```

```
Login - Notepad
File Edit Format View Help
File
  New          Ctrl+N
  Open...     Ctrl+O
  Save        Ctrl+S
  Save As...
  Page Setup...
  Print...    Ctrl+P
  Exit

<body>
<form id='login' action='user.php' method='post' accept-charset='UTF-8'>
Username*:
<input type='text' name='username' id='username' maxlength="50"/>
Password*:
<input type='password' name='password' id='password' maxlength="50"/><input type='submit' name='button' value='Submit'></form>
</body>
</html>
```



Write the following code and save in C://xampp/htdocs folder as User.php

```
<?php
```

```
$u=$_POST['username'];
```

```
$p=$_POST['password'];
```

```
if(($u=="test")&&($p=="test"))
```

```
{
```

```
echo "Login Successfull";
```

```
}
```

```
else
```

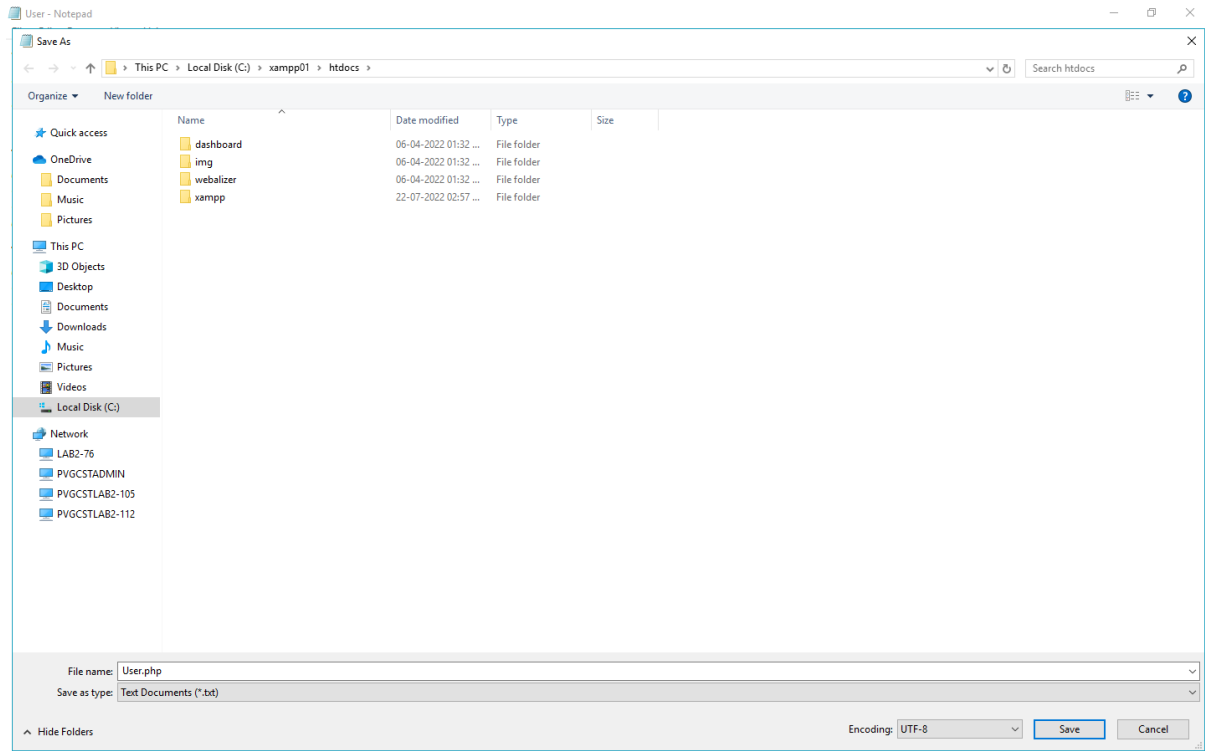
```
{
```

```
echo "Invalid user";
```

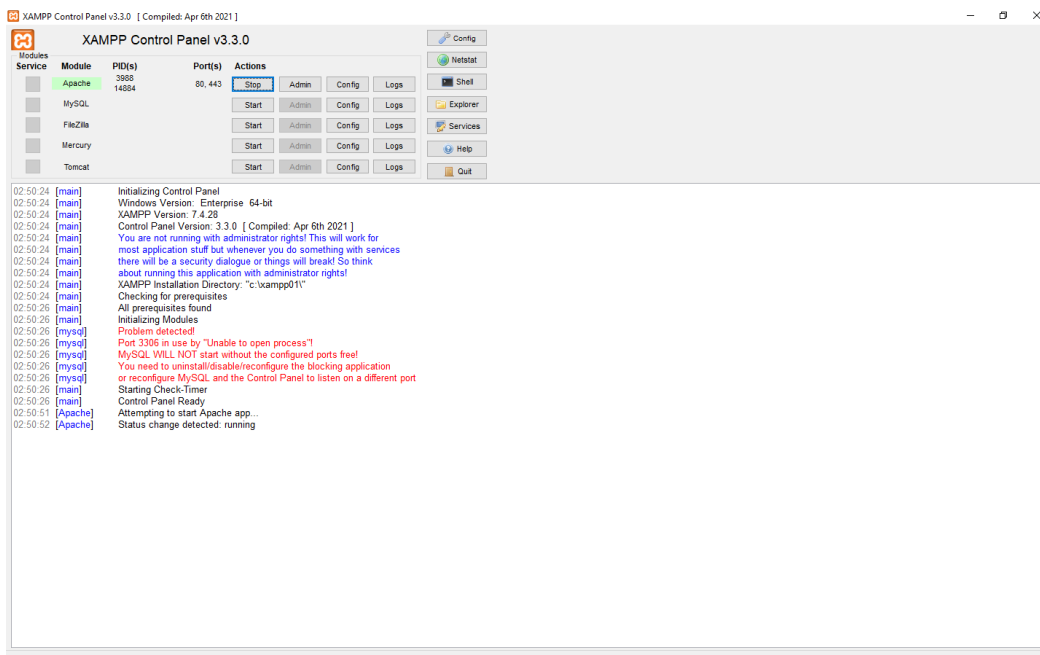
```
}
```

```
User - Notepad
File Edit Format View Help
<?php
$u=$_POST['username'];
$p=$_POST['password'];
if(($u=="test")&&($p=="test"))
{
echo "Login Successfull";
}
else
{
echo "Invalid user";
}
```

```
User - Notepad
File Edit Format View Help
New Ctrl+N
Open... Ctrl+O
Save Ctrl+S
Save As...
Page Setup...
Print... Ctrl+P
Exit
ame'];
ord'];
$p=="test"))
sfull";
}
else
{
echo "Invalid user";
}
```



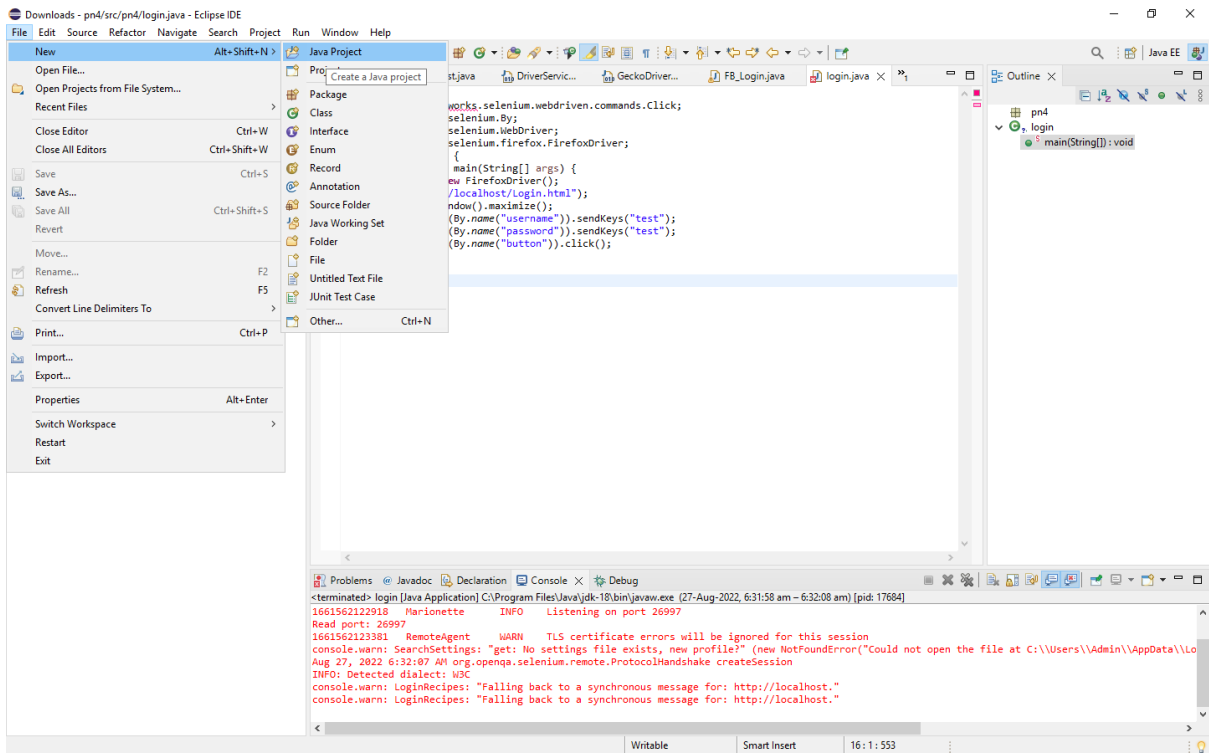
Start the XAMPP Apache Server

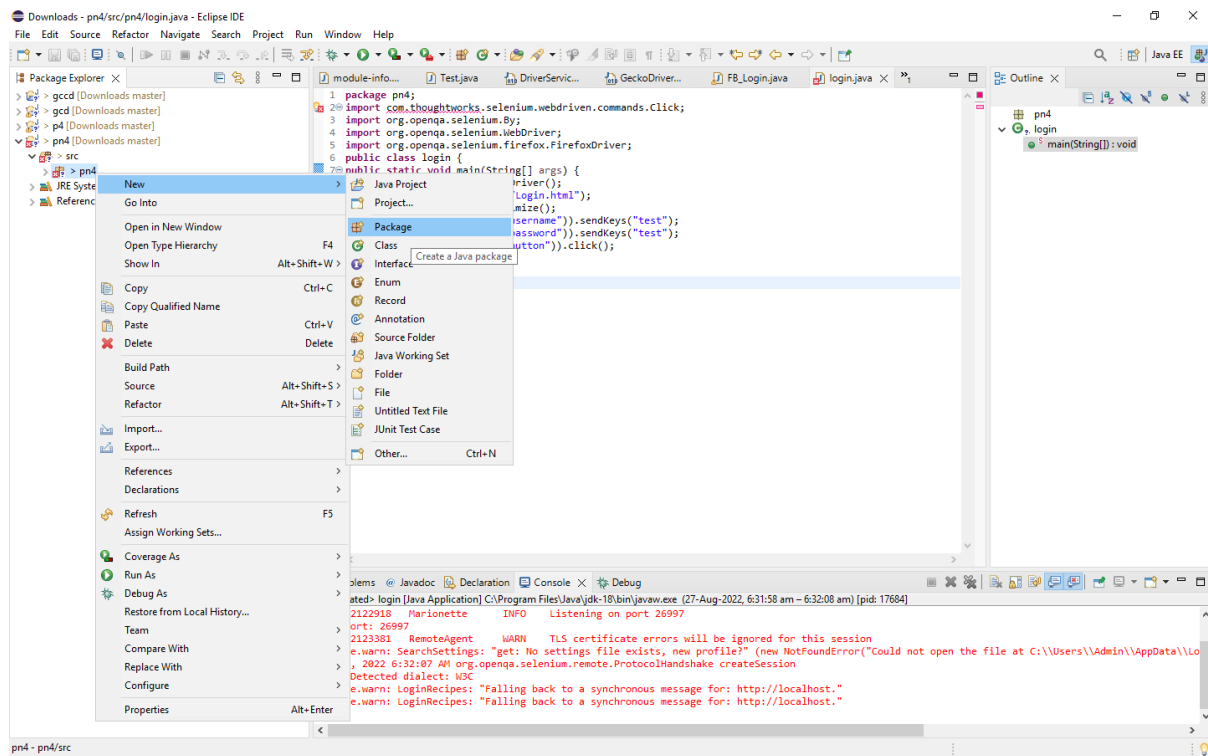
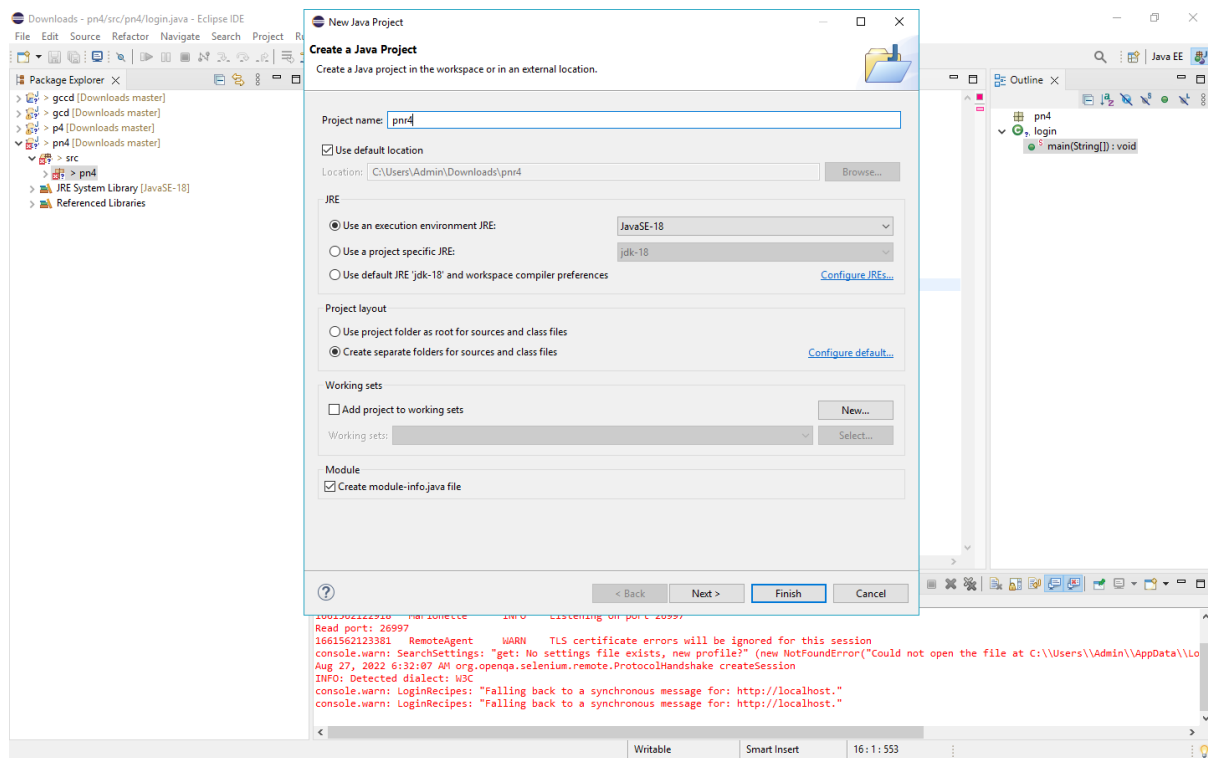


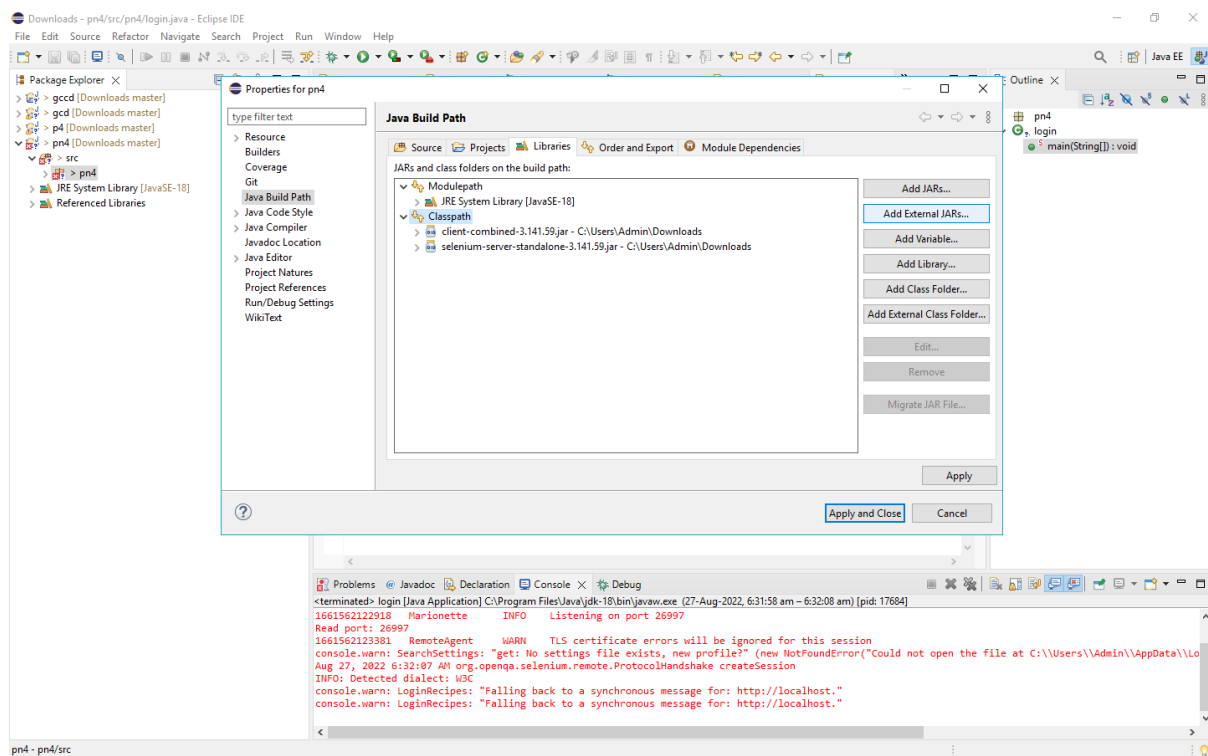
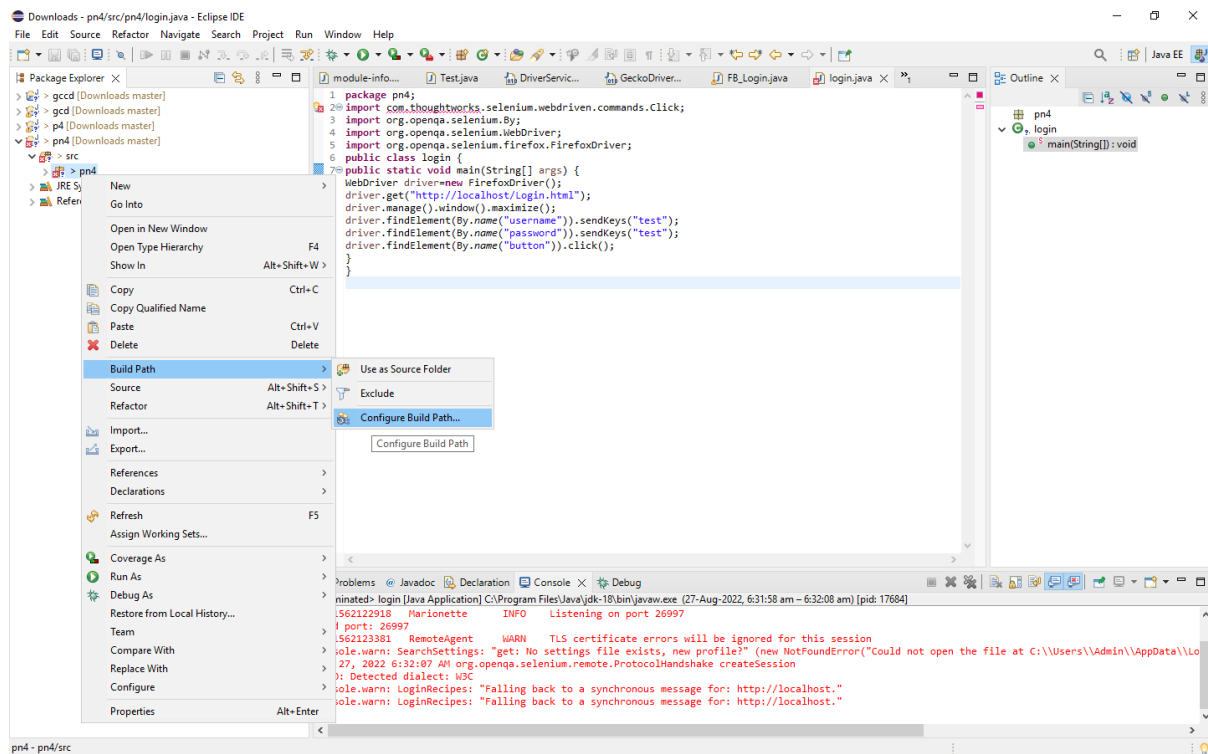
Mozilla Firefox Browser and enter <http://localhost/Login.html> in URL



Open Eclipse and perform the following steps:







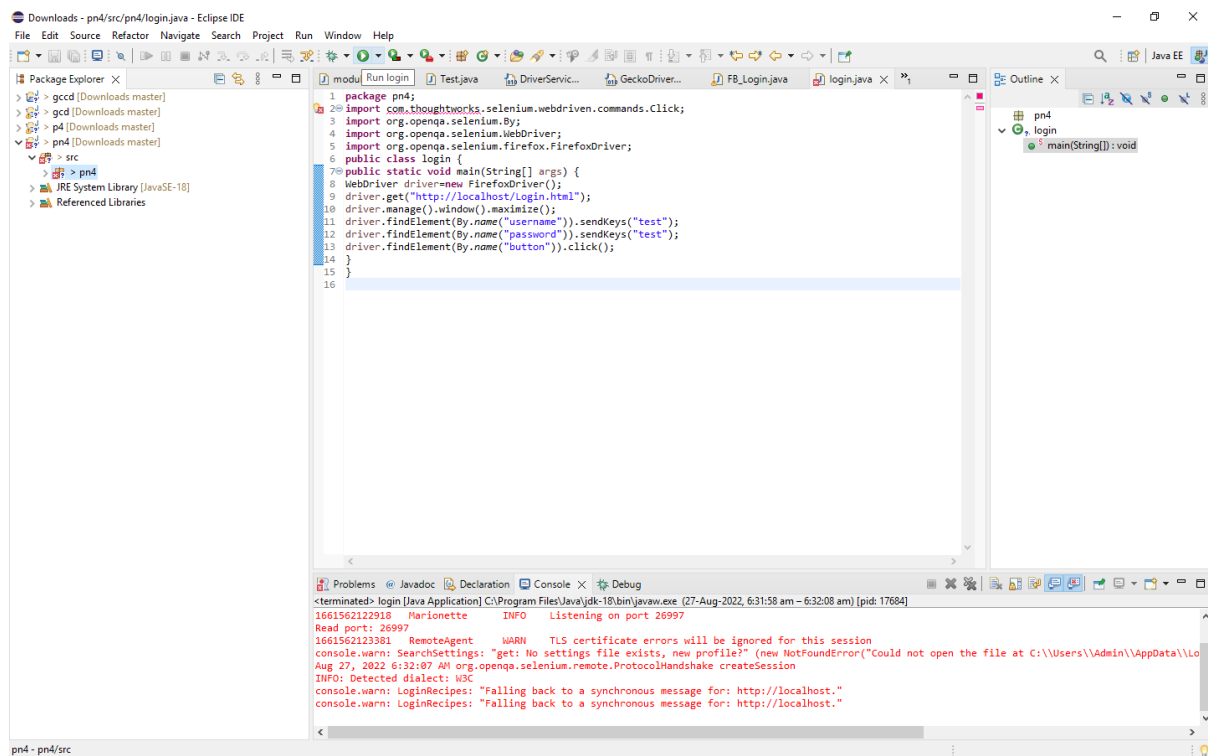
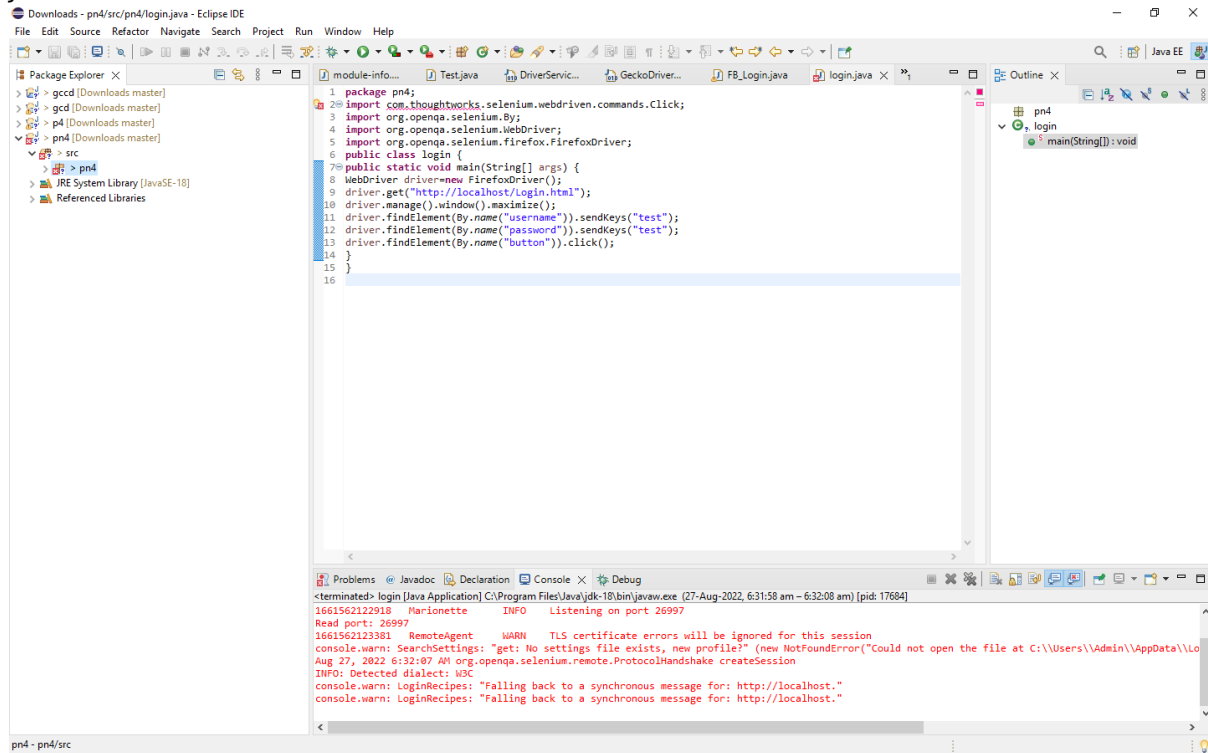
Create a new java class login in Eclipse

```
package pn4;
import com.thoughtworks.selenium.webdriver.commands.Click;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.firefox.FirefoxDriver;
public class login {
public static void main(String[] args) {
```

```

WebDriver driver=new FirefoxDriver();
driver.get("http://localhost/Login.html"); //Note copy the path
http://localhost/Login.html from Mozilla firefox and paste it in driver.get
driver.manage().window().maximize();
driver.findElement(By.name("username")).sendKeys("test");
driver.findElement(By.name("password")).sendKeys("test");
driver.findElement(By.name("button")).click();
}
}

```



Login page

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localhost/Login.html

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Username*:

Password*:

Submit

Login page

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localhost/Login.html

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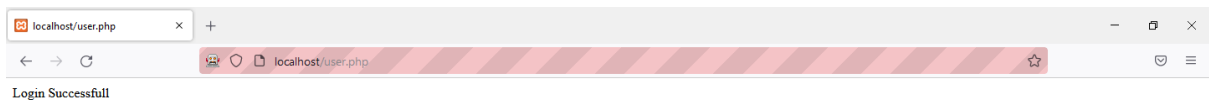
🛡️

☰

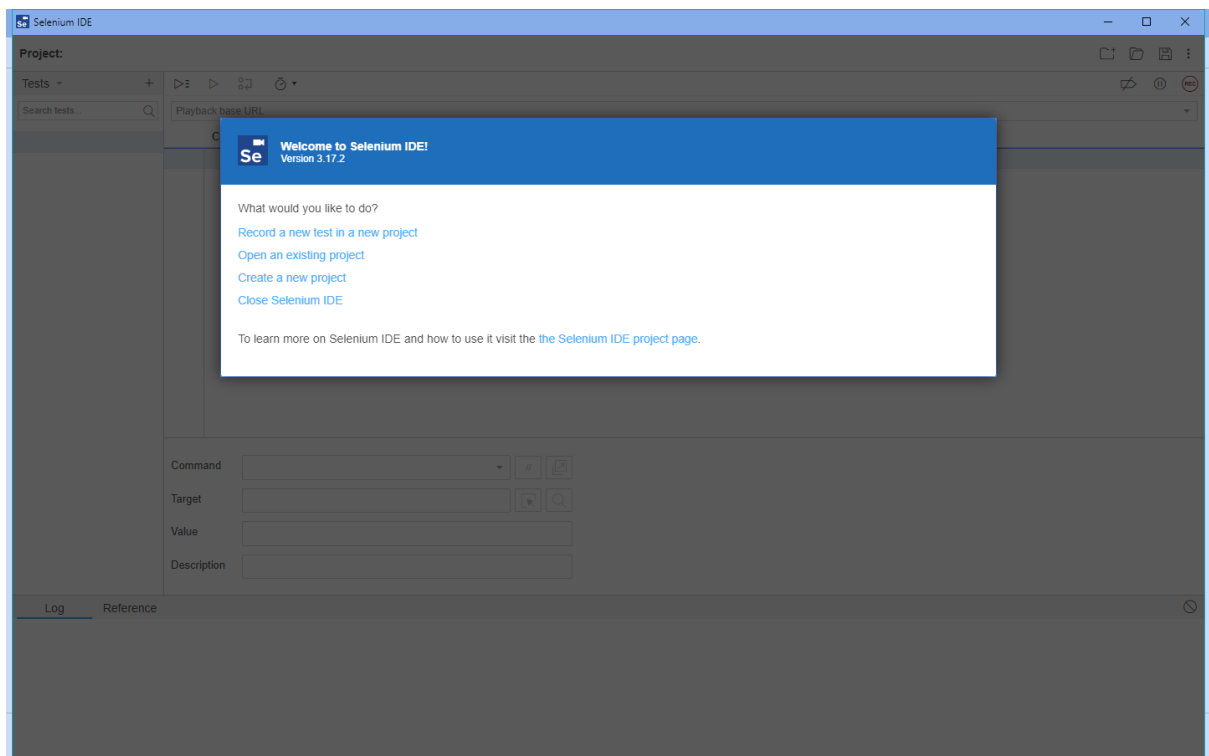
Username*:

Password*:

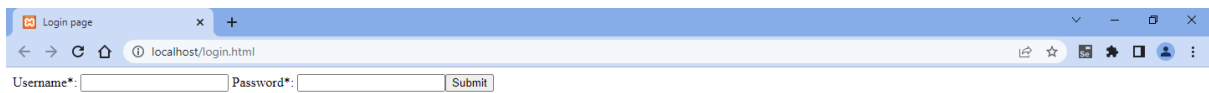
Submit



Click on the icon Selenium IDE and open it. Enter URL <http://localhost/Login.html> and start recording.



Minimize the Selenium screen and execute the HTML code in Mozilla Firefox Browser –
<http://localhost/Login.html>



Login page

localhost/login.html

Username*: Password*:

Se Selenium IDE is recording...

localhost/user.php

localhost/user.php

Invalid user

Se Selenium IDE is recording

Selenium IDE - loginside*

Project: loginside*

Tests +

Stop recording Ctrl+U

Search tests...

http://localhost

Untitled*

	Command	Target	Value
1.	open	/login.html	
2.	set window size	1456x916	
3.	click	id=username	
4.	type	id=username	gbrdngln
5.	click	id=password	
6.	type	id=password	g,df,f b
7.	click	name=button	

Command

Target

Value

Description

Log

Reference

Login page

localhost/login.html

Username*: Password*: Submit



Selenium IDE is recording



Selenium IDE is recording...



Add all the test cases in test suite and save it.

Execute the test suite.