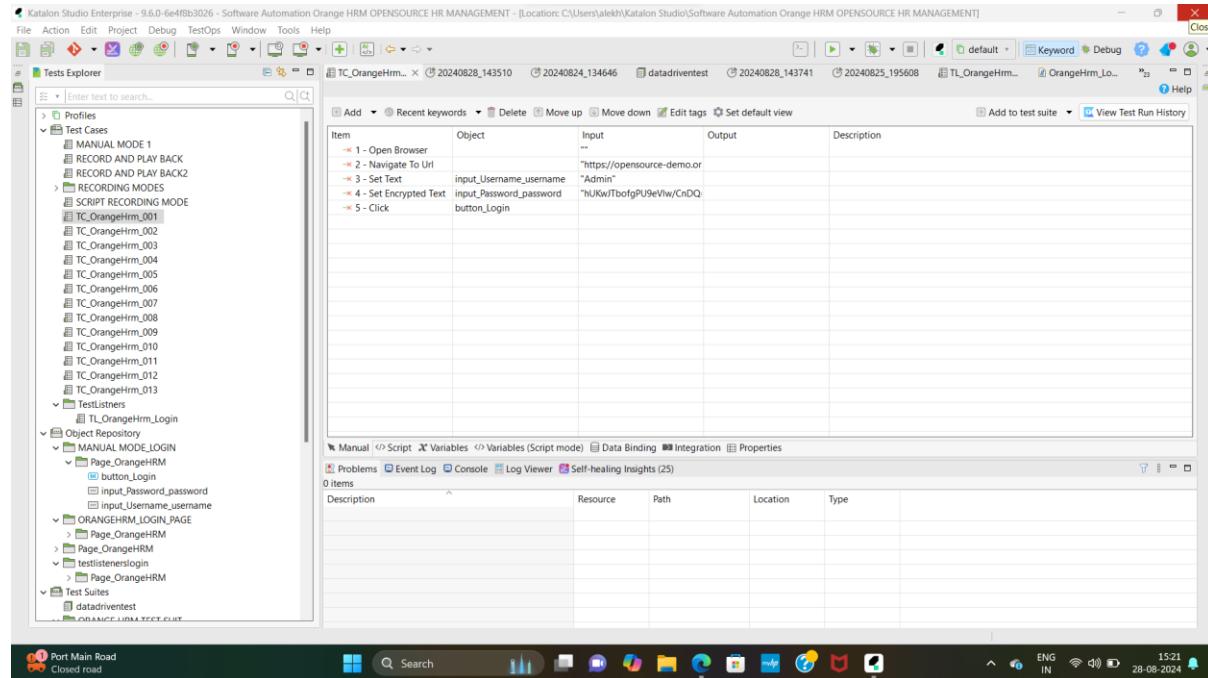


# SOFTWARE AUTOMATION TESTING

## ORANGE HRM OPENSOURCE HR MANAGEMENT

### TEST CASES

#### TC\_OrangeHrm\_001



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
```

```
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

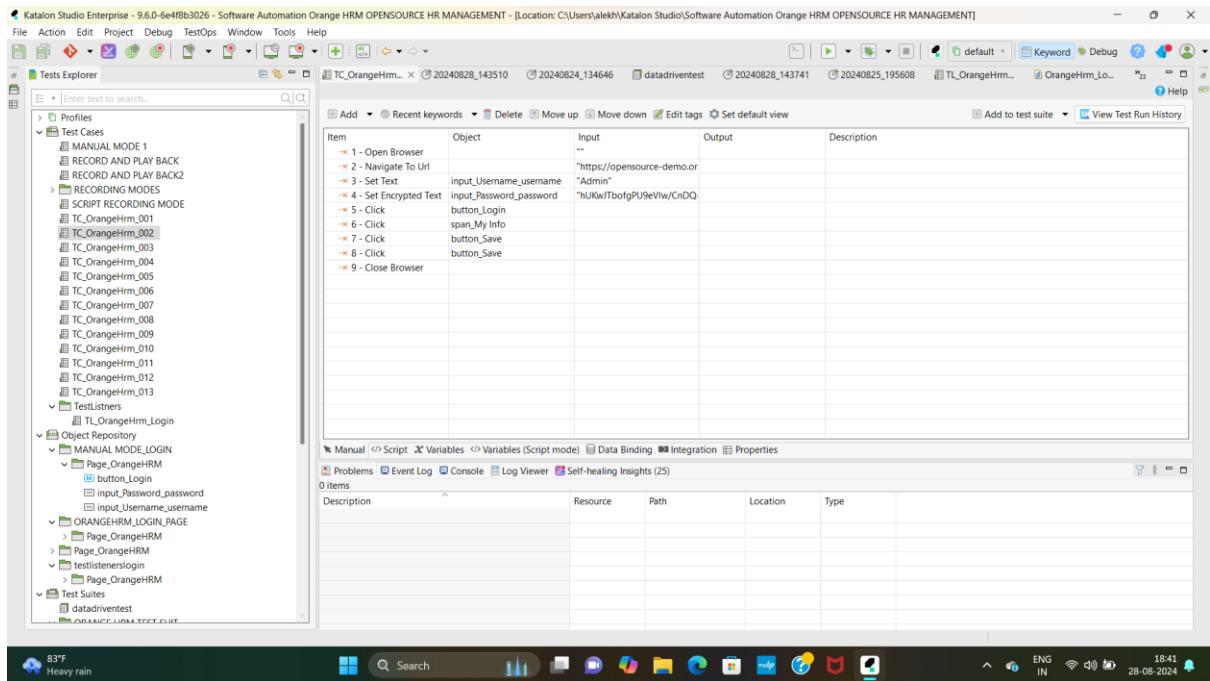
```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

## TC\_OrangeHrm\_002



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
```

```
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')

WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))

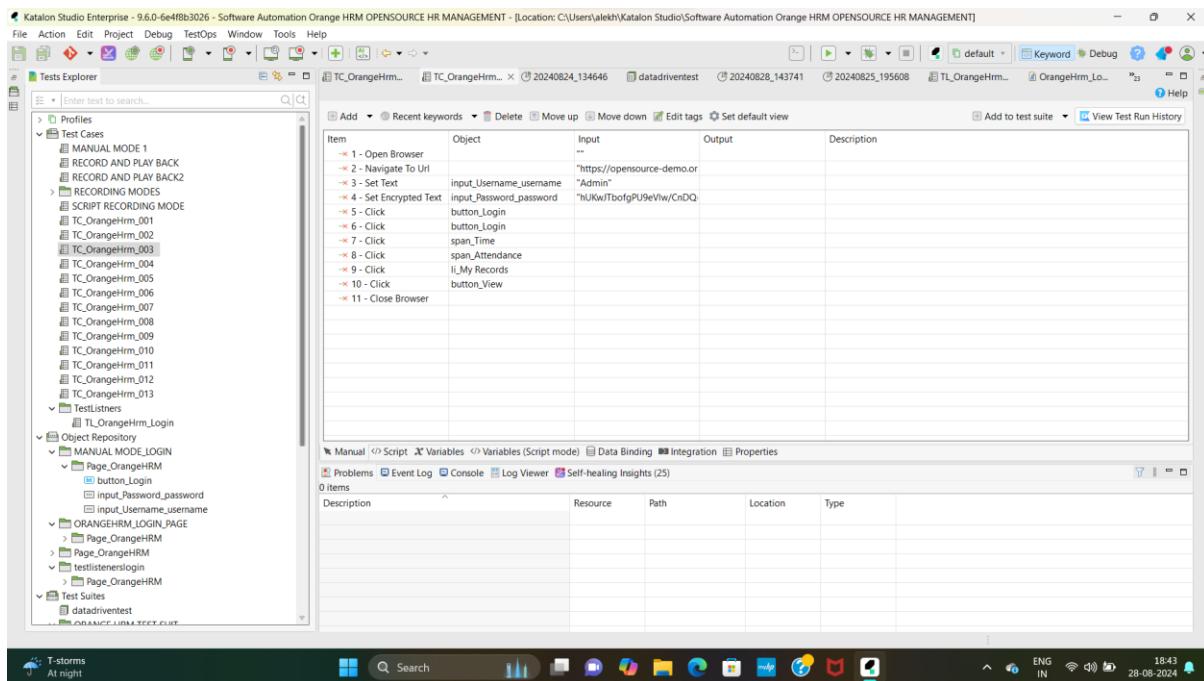
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_My Info'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Save'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Save'))

WebUI.closeBrowser()
```

## TC\_OrangeHrm\_003



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
```

```
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Time'))
```

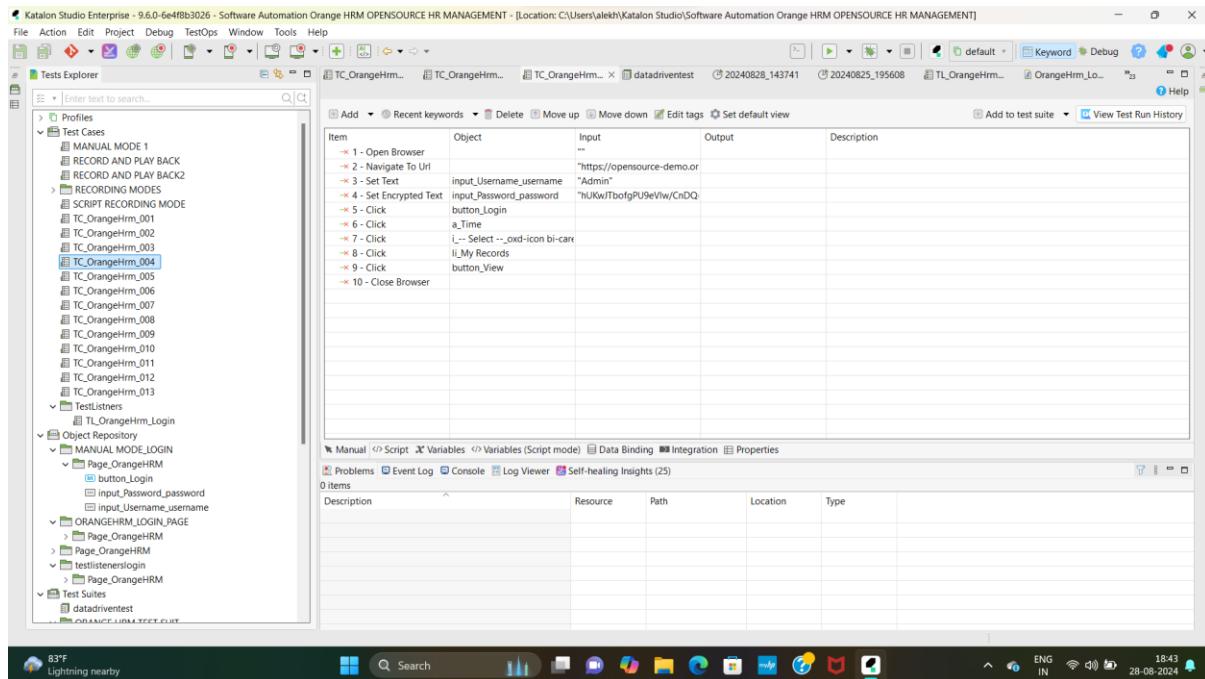
```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Attendance'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/li_My Records'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_View'))
```

WebUI.closeBrowser()

## TC\_OrangeHrm\_004



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
```

```
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')

WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_Time'))

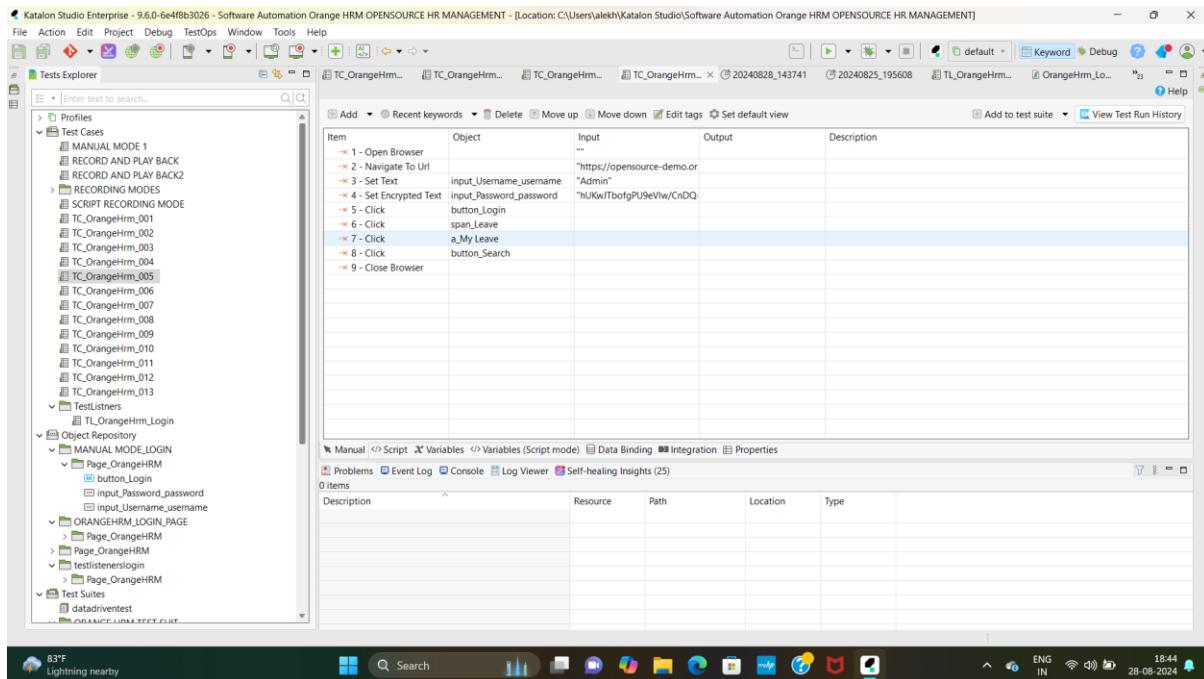
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select --_oxd-icon bi-
caret-up-fill ox_627fec'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/li_My Records'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_View'))

WebUI.closeBrowser()
```

## TC\_OrangeHrm\_005



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
```

```
import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

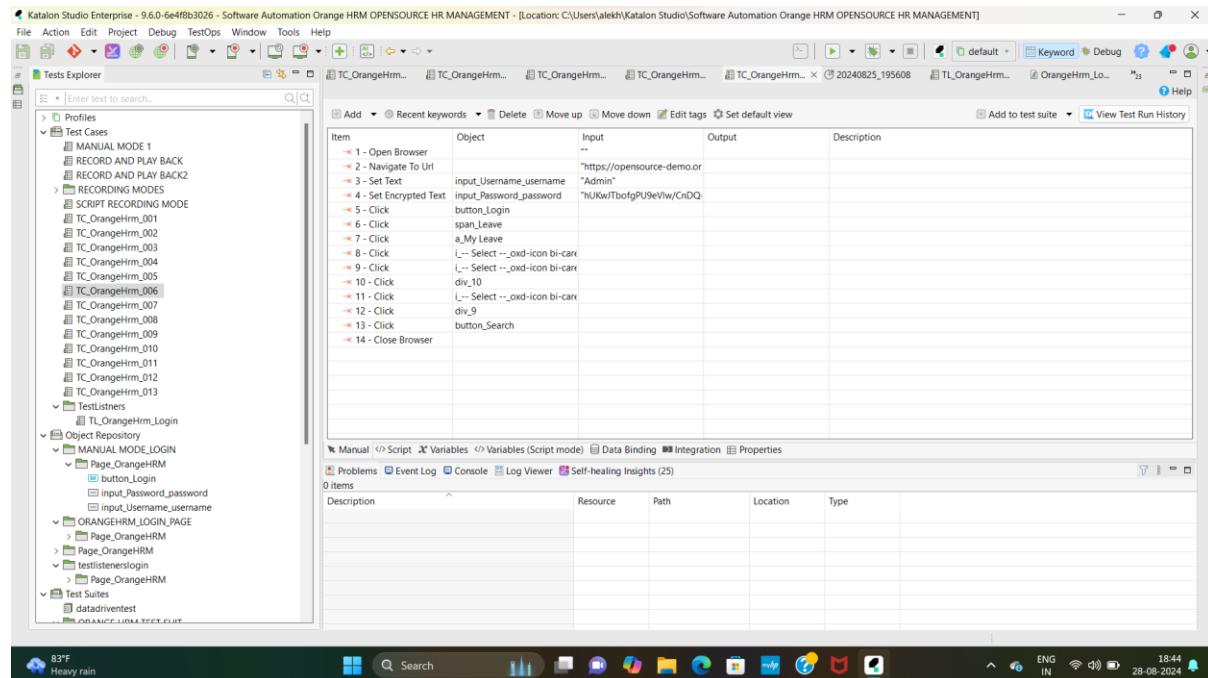
```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Leave'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_My Leave'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Search'))
```

```
WebUI.closeBrowser()
```

## TC\_OrangeHrm\_006



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
```

```
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser("")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Username_username'), 'Admin')

WebUI.setEncryptedText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Leave'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_My Leave'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select --_oxd-icon bi-
caret-up-fill ox_627fec'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select --_oxd-icon bi-
caret-up-fill ox_627fec'))

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/div_10'))

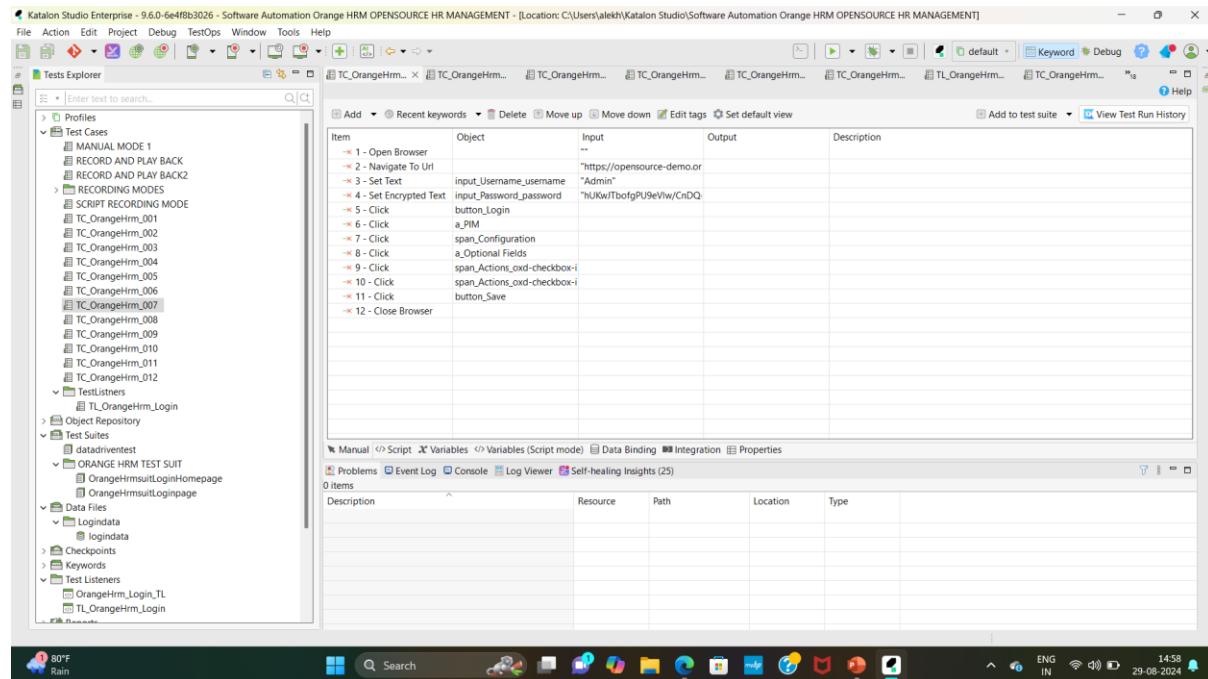
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select --_oxd-icon bi-
caret-up-fill ox_627fec'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/div_9'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Search'))
```

```
WebUI.closeBrowser()
```

## TC\_OrangeHrm\_007



```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
```

```
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_PIM'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Configuration'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_Optional Fields'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span Actions_oxd-
checkbox-input oxd-checkbox_d6b484'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span Actions_oxd-checkbox-input oxd-checkbox_d6b484'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Save'))
```

```
WebUI.closeBrowser()
```

## TC\_OrangeHrm\_008

The screenshot shows the Katalon Studio Enterprise interface. The left sidebar contains a tree view of project structure, including 'Profiles', 'Test Cases' (with items like 'MANUAL MODE 1', 'RECORD AND PLAY BACK', etc.), 'RECORDING MODES', 'SCRIPT RECORDING MODE', and 'Test listeners' (with entries for 'TL\_OrangeHrm\_Login'). The main area has three tabs: 'Test Explorer', 'Object Repository', and 'Properties'. The 'Test Explorer' tab is active, displaying a table of steps for 'TC\_OrangeHrm\_008'. The table columns are 'Item', 'Object', 'Input', 'Output', and 'Description'. The steps listed are:

Item	Object	Input	Output	Description
1 - Open Browser		---		
2 - Navigate To Url		"https://opensource-demo.or...		
3 - Set Text	input_Username_username	"Admin"		
4 - Set Encrypted Text	input_Password_password	"NUKwITbofgPU9eVlw/CnDQ		
5 - Click	button_Login			
6 - Click	a_Dashboard			
7 - Click	div_Buzz_Latest_Posts_manda...			
8 - Click	img			
9 - Set Text	textarea_Comments_oxd-text	"Have a great day"		
10 - Click	button_Post			
11 - Close Browser				

The 'Object Repository' tab shows a list of objects with their descriptions, and the 'Properties' tab shows various settings for the selected object.

```
import static com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject  
import static com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject  
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint  
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW  
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile  
import com.kms.katalon.core.model.FailureHandling as FailureHandling  
import com.kms.katalon.core.testcase.TestCase as TestCase
```

```
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Login'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_Dashboard'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/div_Buzz Latest
Postsmanda akhil user2020-0_96dad6'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/img'))
```

```

WebUI.setText(findTestObject('Object Repository/Page_OrangeHRM/textarea_Comments_oxd-textarea oxd-textarea_6464fb'),
'Have a great day')

```

```

WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Post'))

```

```

WebUI.closeBrowser()

```

## TC\_OrangeHrm\_009

Item	Object	Input	Output	Description
1 - Open Browser				
2 - Navigate To Url		"https://opensource-demo.or...		
3 - Set Text	input_Username_username	"Admin"		
4 - Set Encrypted Text	input_Password_password	"hUKwTb0fgPU9eVlw/CnDQ...		
5 - Click	button_Login			
6 - Click	a.Buzz			
7 - Click	i.-- Select --_oxd-icon bi-care...			
8 - Double Click	svg_Most Commented Posts_J...			
9 - Click	path_heart			
10 - Close Browser				

```

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase

import static com.kms.katalon.coretestdata.TestDataFactory.findTestData

import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject

import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint

import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW

```

```
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

```
WebUI.setText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Password_password'),
'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject(
'Object Repository/Page_OrangeHRM/button_Login'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/a_Buzz'))
```

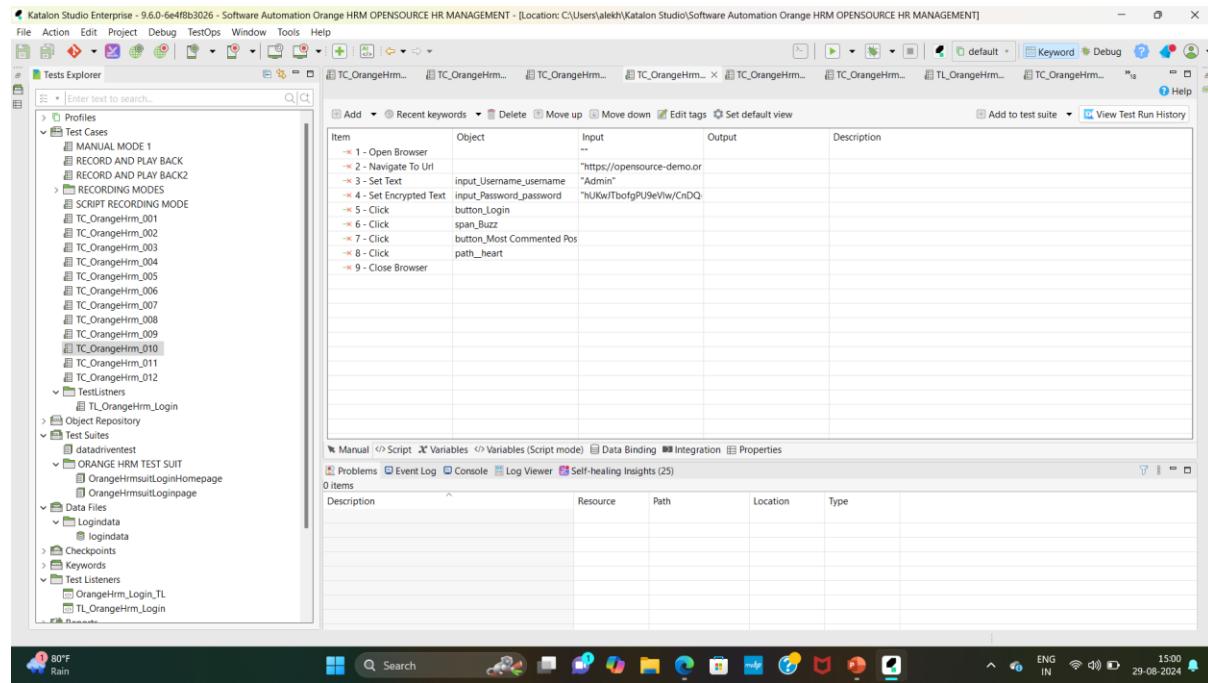
```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i -- Select -- _oxd-icon bi-caret-up-fill ox_627fec'))
```

```
WebUI.doubleClick(findTestObject('Object Repository/Page_OrangeHRM/svg_Most Commented Posts_heart-svg'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/path_heart'))
```

## WebUI.closeBrowser()

TC\_OrangeHrm\_010



```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
```

```
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setEncryptedText(findTestObject('Object  
Repository/Page_OrangeHRM/input_Password_password'),  
'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object  
Repository/Page_OrangeHRM/button_Login'))
```

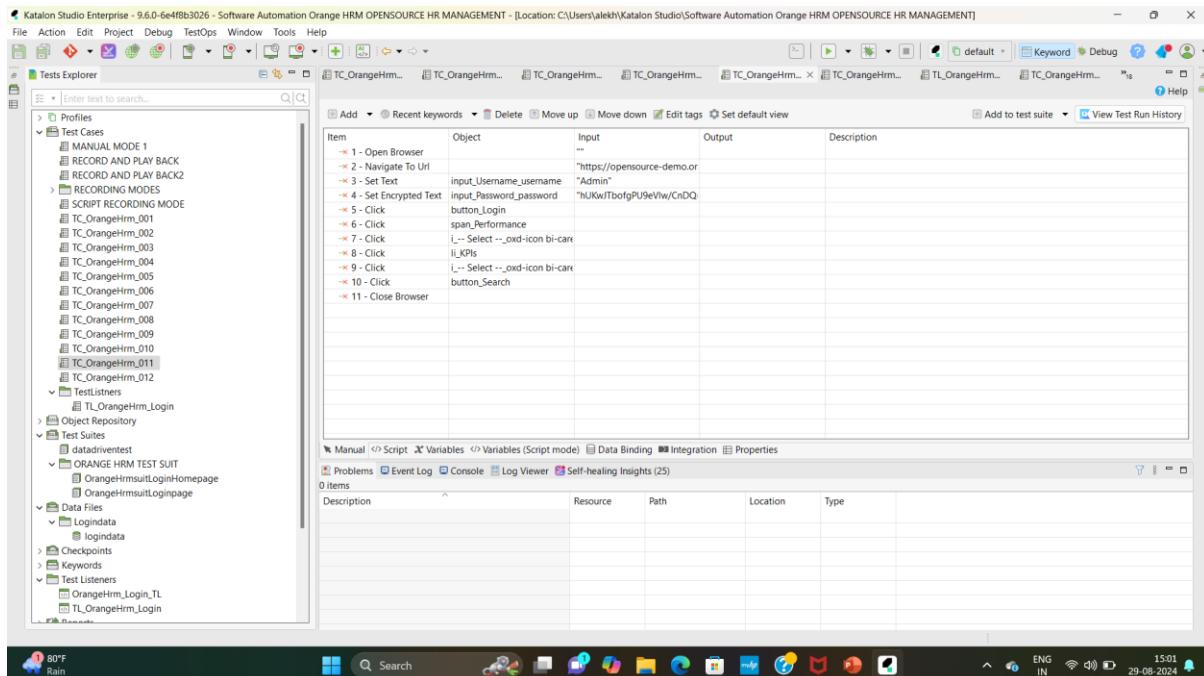
```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/span_Buzz'))
```

```
WebUI.click(findTestObject('Object  
Repository/Page_OrangeHRM/button_Most Commented Posts'))
```

```
WebUI.click(findTestObject('Object  
Repository/Page_OrangeHRM/path_heart'))
```

```
WebUI.closeBrowser()
```

## TC\_OrangeHrm\_011



```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
```

```
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Username_username'), 'Admin')

WebUI.setEncryptedText(findTestObject(
'Object Repository/Page_OrangeHRM/input_Password_password'),
'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject(
'Object Repository/Page_OrangeHRM/button_Login'))

WebUI.click(findTestObject(
'Object Repository/Page_OrangeHRM/span_Performance'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select -- _oxd-icon bi-caret-up-fill ox_627fec'))
```

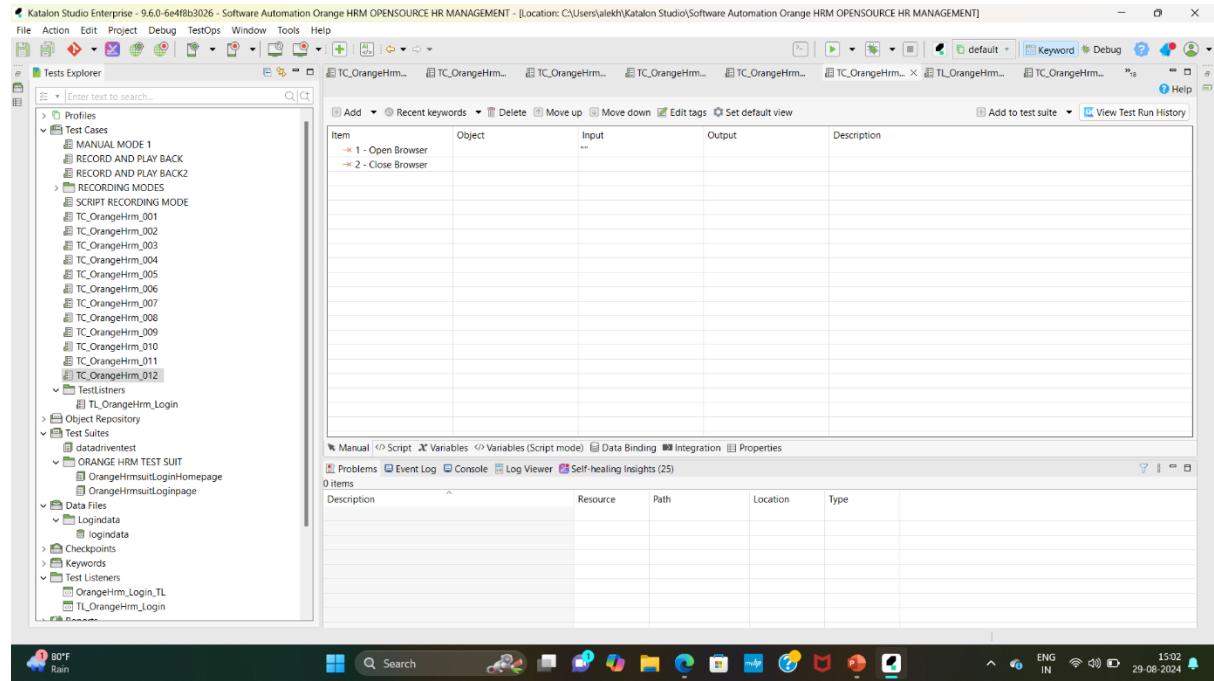
```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/li_KPIs'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select -- _oxd-icon bi-caret-up-fill ox_627fec'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Search'))
```

```
WebUI.closeBrowser()
```

## TC\_OrangeHrm\_012



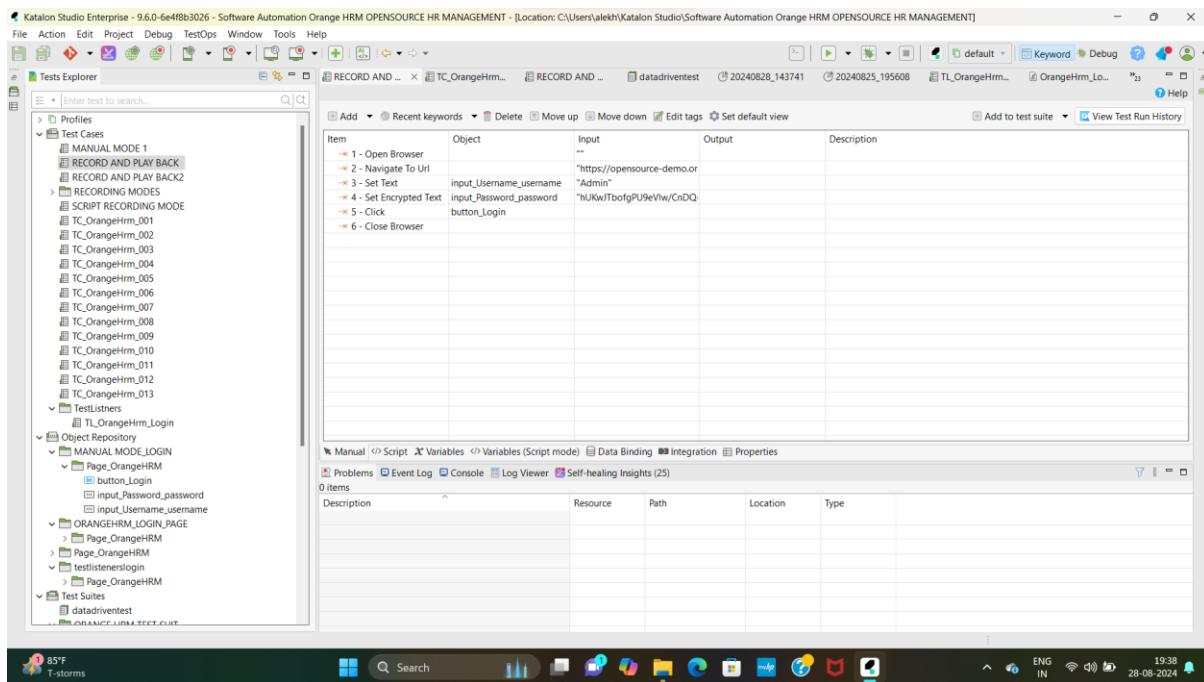
```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
```

```
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.closeBrowser()
```

# RECORD AND PLAYBACK 1



```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
```

```
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

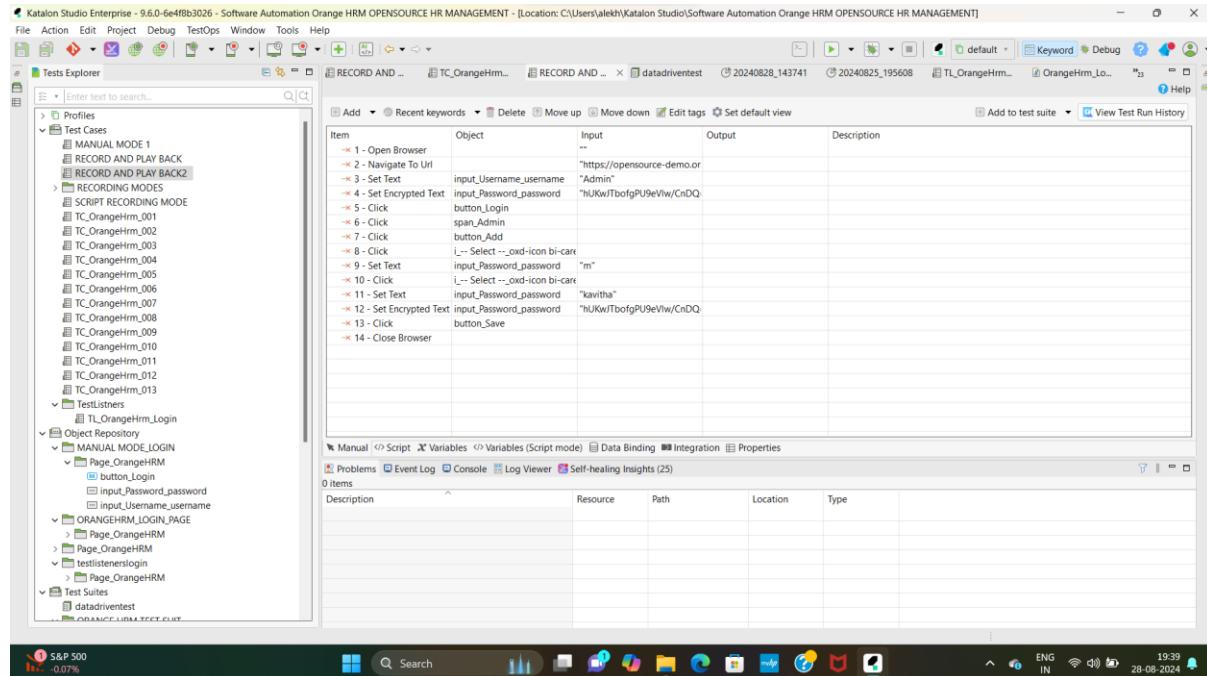
WebUI.setText(findTestObject(
'Object Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/input_Username_username'),
'Admin')

WebUI.setEncryptedText(findTestObject(
'Object Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/input_Password_password'),
'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject(
'Object Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/button_Login'))

WebUI.closeBrowser()
```

## RECORD AND PLAYBACK 2



```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
```

```
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltInKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

WebUI.openBrowser(")

WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')

WebUI.setText(findTestObject('Object
Repository/Page_OrangeHRM/input_Username_username'), 'Admin')

WebUI.setEncryptedText(findTestObject('Object
Repository/Page_OrangeHRM/input_Password_password'),
'hUKwJTbofgPU9eVlw/CnDQ==')

WebUI.click(findTestObject('Object
Repository/Page_OrangeHRM/button_Login'))

WebUI.click(findTestObject('Object
Repository/Page_OrangeHRM/span_Admin'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Add'))
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select -- _oxd-icon bi-caret-up-fill ox_627fec'))
```

```
WebUI.setText(findTestObject('Object Repository/Page_OrangeHRM/input_Password_password'), 'm')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/i__ Select -- _oxd-icon bi-caret-up-fill ox_627fec'))
```

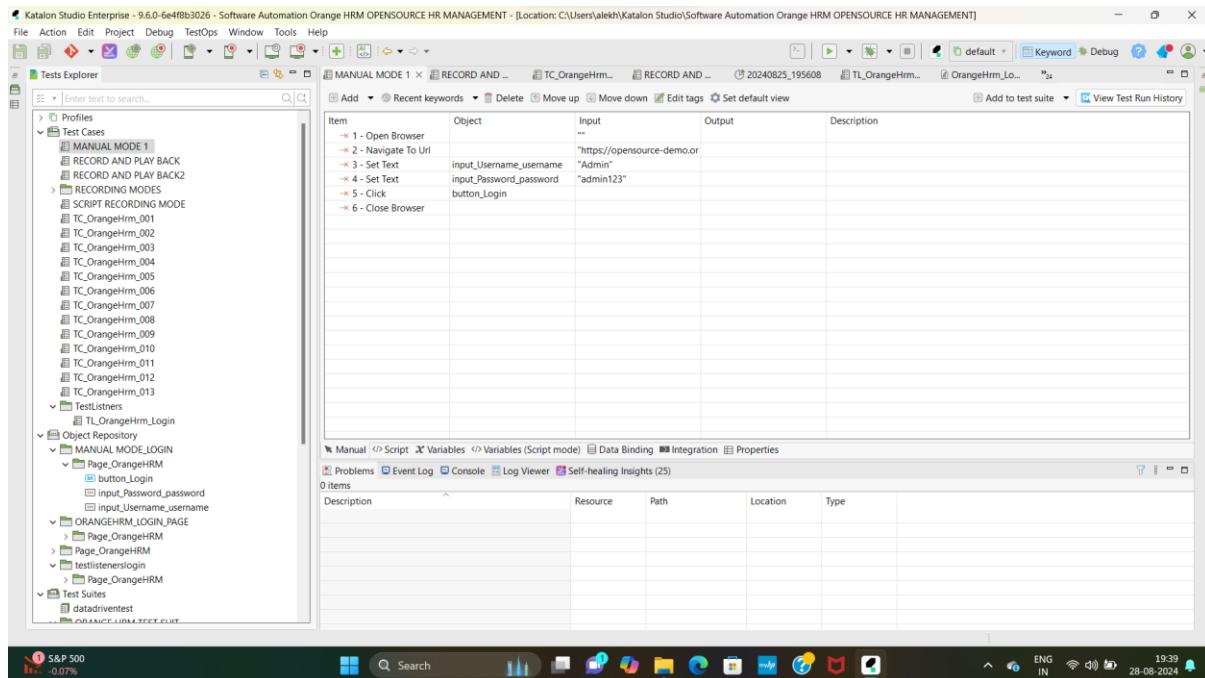
```
WebUI.setText(findTestObject('Object Repository/Page_OrangeHRM/input_Password_password'), 'kavitha')
```

```
WebUI.setEncryptedText(findTestObject('Object Repository/Page_OrangeHRM/input_Password_password'), 'hUKwJTbofgPU9eVlw/CnDQ==')
```

```
WebUI.click(findTestObject('Object Repository/Page_OrangeHRM/button_Save'))
```

```
WebUI.closeBrowser()
```

## MANUAL MODE



```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase

import static com.kms.katalon.coretestdata.TestDataFactory.findTestData

import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject

import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint

import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as CucumberKW

import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile

import com.kms.katalon.core.model.FailureHandling as FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.coretestdata.TestData as TestData

import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as TestNGKW
```

```
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys
```

```
WebUI.openBrowser("")
```

```
WebUI.navigateToUrl('https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login')
```

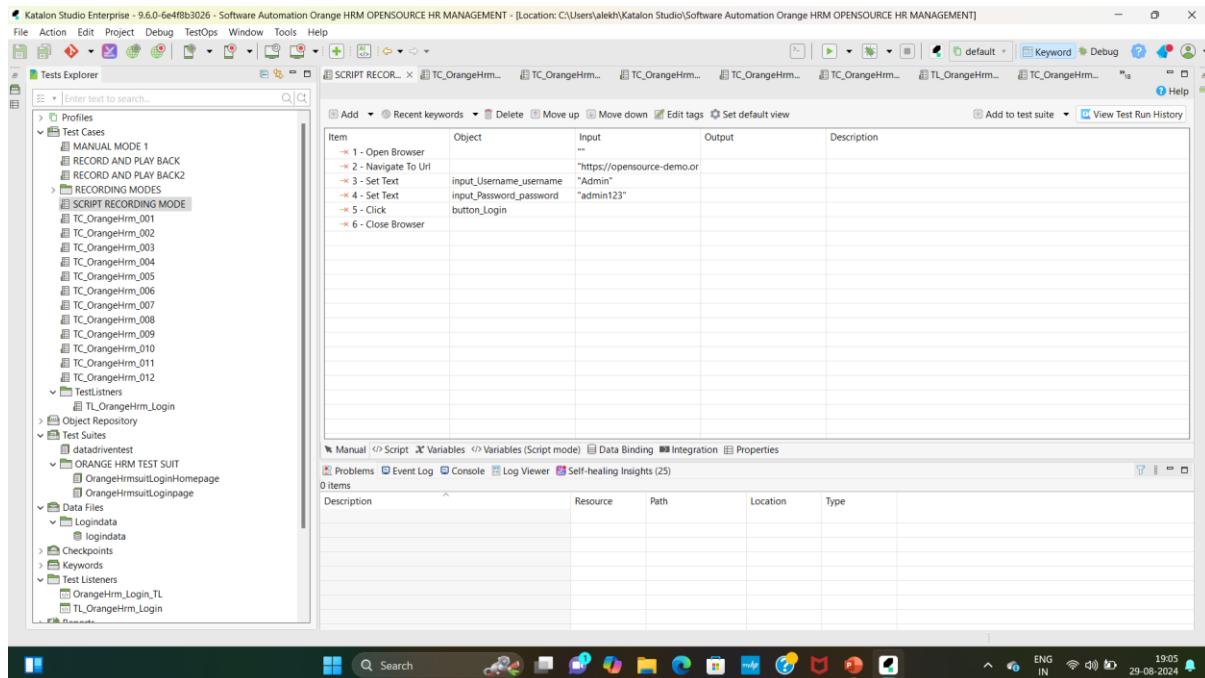
```
WebUI.setText(findTestObject('MANUAL
MODE_LOGIN/Page_OrangeHRM/input_Username_username'), 'Admin')
```

```
WebUI.setText(findTestObject('MANUAL
MODE_LOGIN/Page_OrangeHRM/input_Password_password'), 'admin123')
```

```
WebUI.click(findTestObject('MANUAL
MODE_LOGIN/Page_OrangeHRM/button_Login'))
```

```
WebUI.closeBrowser()
```

## SCRIPT MODE



```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject  
  
import static  
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject  
  
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint  
  
import com.kms.katalon.core.cucumber.keyword.CucumberBuiltinKeywords as  
CucumberKW  
  
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as  
Mobile  
  
import com.kms.katalon.core.model.FailureHandling as FailureHandling  
  
import com.kms.katalon.core.testcase.TestCase as TestCase  
  
import com.kms.katalon.coretestdata.TestData as TestData  
  
import com.kms.katalon.core.testng.keyword.TestNGBuiltInKeywords as  
TestNGKW
```

```
import com.kms.katalon.core.testobject.TestObject as TestObject
import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.webui.keyword.internal.WebUIAbstractKeyword
import com.kms.katalon.core.windows.keyword.WindowsBuiltinKeywords as Windows
import internal.GlobalVariable as GlobalVariable
import org.openqa.selenium.Keys as Keys

//Open browser

WebUI.openBrowser("")

//Give the URL

WebUI.navigateToUrl("https://opensource-
demo.orangehrmlive.com/web/index.php/auth/login")

//Enter the username

WebUI.setText(findTestObject('Object
Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/input_Username_u
sername'), "Admin")

//Enter the password

WebUI.setText(findTestObject('Object
Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/input_Password_pa
ssword'), "admin123")
```

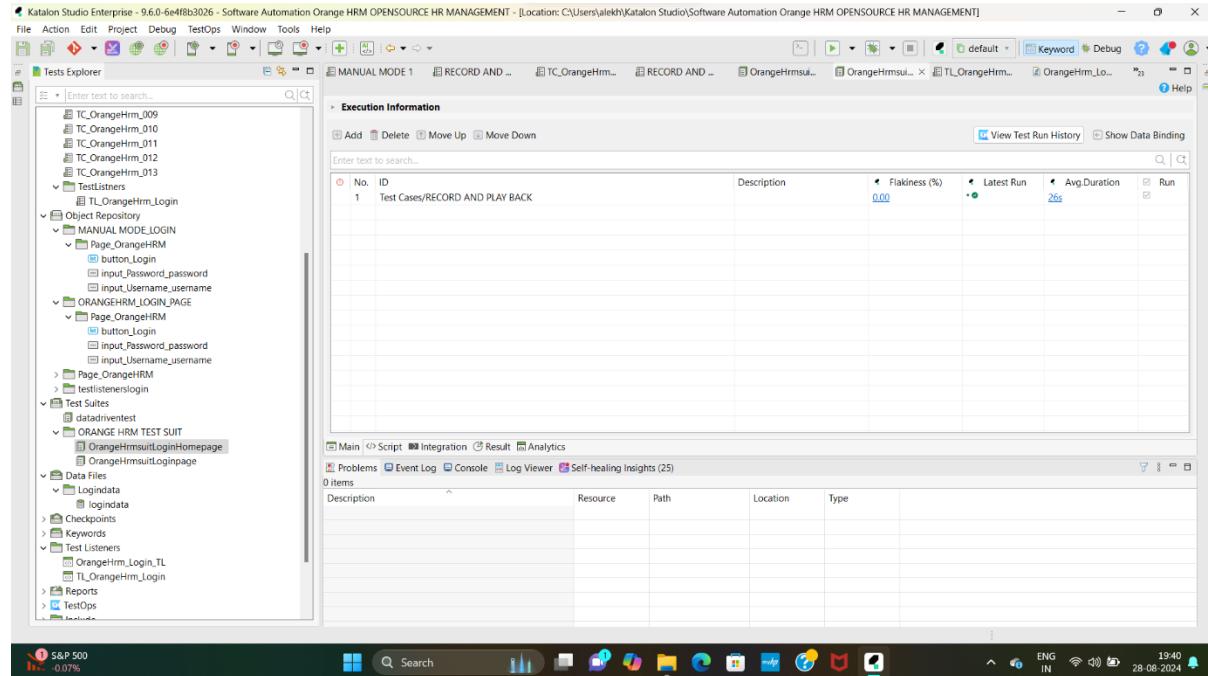
```
//click the login button
```

```
WebUI.click(findTestObject('Object Repository/ORANGEHRM_LOGIN_PAGE/Page_OrangeHRM/button_Login'))
```

```
//Close brower
```

```
WebUI.closeBrowser()
```

## TEST SUITE 1



```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
```

```
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint  
  
import com.kms.katalon.core.checkpoint.CheckpointFactory as  
CheckpointFactory
```

```
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.core.testcase.TestCaseFactory as TestCaseFactory
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.coretestdata.TestDataFactory as TestDataFactory
import com.kms.katalon.coretestobject.ObjectRepository as ObjectRepository
import com.kms.katalon.coretestobject.TestObject as TestObject

import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.coremobile.keyword.MobileBuiltInKeywords as Mobile

import internal.GlobalVariable as GlobalVariable

import com.kms.katalon.coreannotation.SetUp
import com.kms.katalon.coreannotation.SetupTestCase
import com.kms.katalon.coreannotation.TearDown
import com.kms.katalon.coreannotation.TearDownTestCase

/**
 * Some methods below are samples for using SetUp/TearDown in a test suite.
 */

/**
 * Setup test suite environment.
 */
```

```
@SetUp(skipped = true) // Please change skipped to be false to activate this  
method.
```

```
def setUp() {  
    // Put your code here.  
}
```

```
/**  
 * Clean test suites environment.  
 */
```

```
@TearDown(skipped = true) // Please change skipped to be false to activate this method.
```

```
def tearDown() {  
    // Put your code here.  
}
```

```
/**  
 * Run before each test case starts.  
 */
```

```
@SetupTestCase(skipped = true) // Please change skipped to be false to activate this method.
```

```
def setupTestCase() {  
    // Put your code here.  
}
```

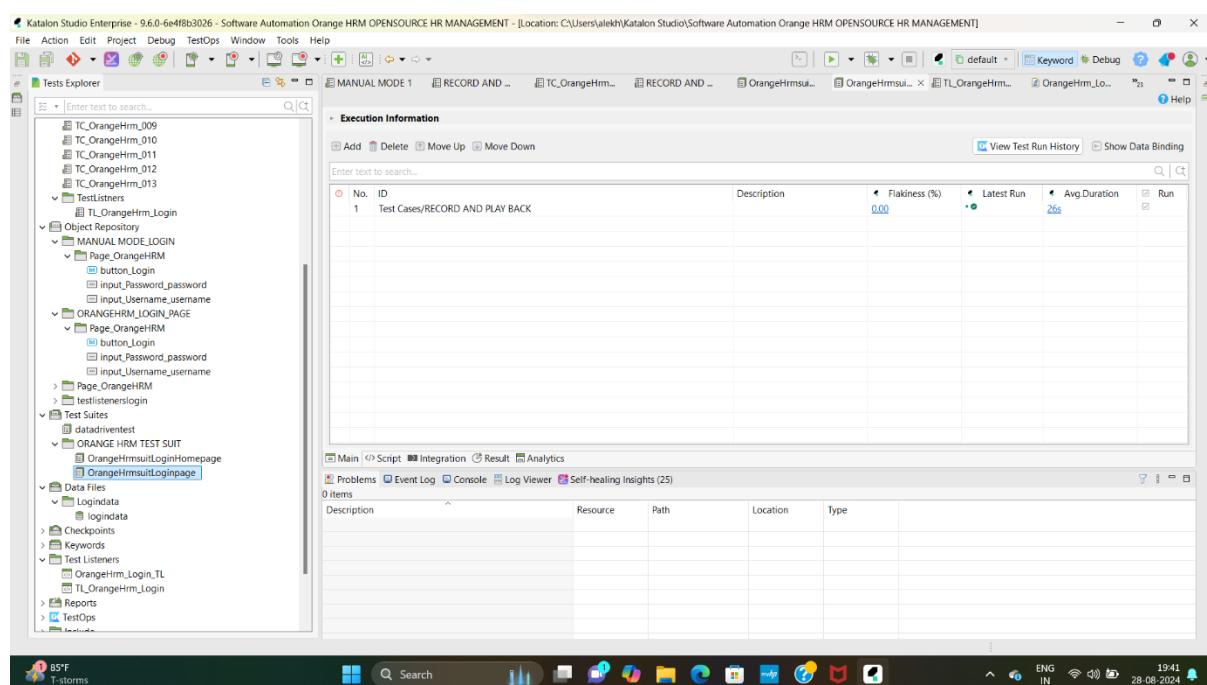
```
/**  
 * Run after each test case ends.  
 */
```

```
@TearDownTestCase(skipped = true) // Please change skipped to be false to activate this method.
```

```
def tearDownTestCase() {  
    // Put your code here.  
}
```

```
/**  
 * References:  
 * Groovy tutorial page: http://docs.groovy-lang.org/next/html/documentation/  
 */
```

## TEST SUITE 2



```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
```

```
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
import com.kms.katalon.core.checkpoint.CheckpointFactory as
CheckpointFactory
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.core.testcase.TestCaseFactory as TestCaseFactory
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.coretestdata.TestDataFactory as TestDataFactory
import com.kms.katalon.coretestobject.ObjectRepository as ObjectRepository
import com.kms.katalon.coretestobject.TestObject as TestObject

import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as
Mobile

import internal.GlobalVariable as GlobalVariable

import com.kms.katalon.core.annotation.SetUp
import com.kms.katalon.core.annotation.SetupTestCase
import com.kms.katalon.core.annotation.TearDown
import com.kms.katalon.core.annotation.TearDownTestCase

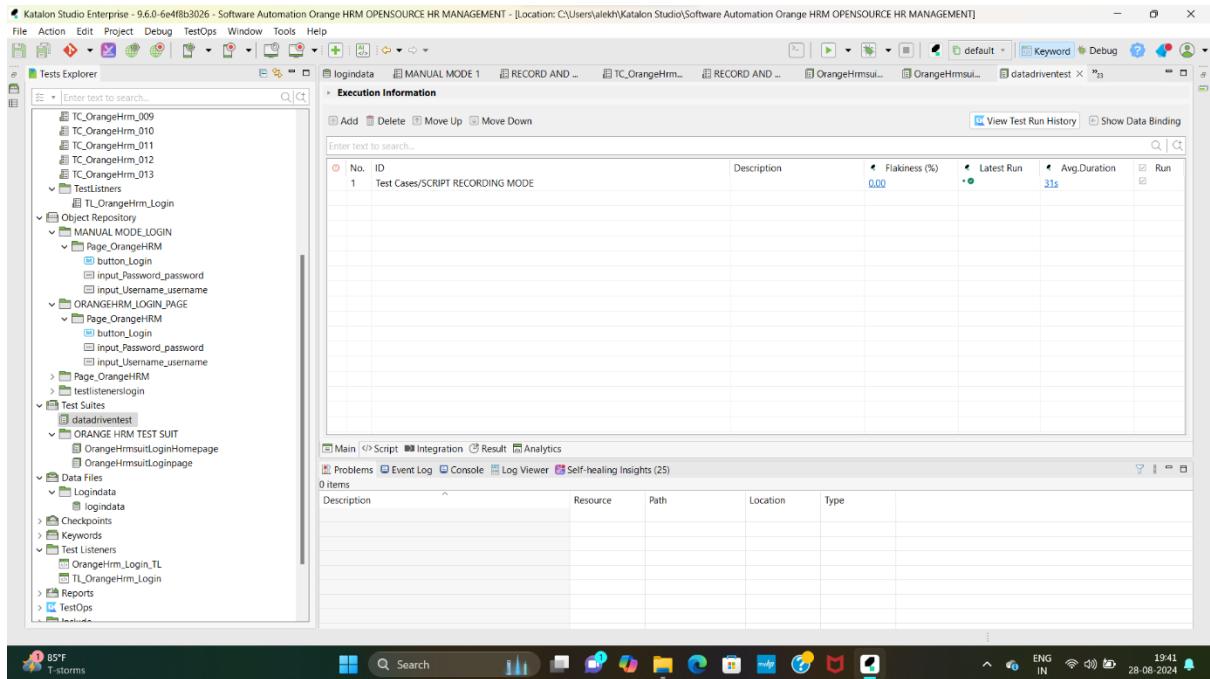
/**
 * Some methods below are samples for using SetUp/TearDown in a test suite.
 */
```

```
/**  
 * Setup test suite environment.  
 */  
  
@SetUp(skipped = true) // Please change skipped to be false to activate this  
method.  
  
def setUp() {  
    // Put your code here.  
}  
  
/**  
 * Clean test suites environment.  
 */  
  
@TearDown(skipped = true) // Please change skipped to be false to activate  
this method.  
  
def tearDown() {  
    // Put your code here.  
}  
  
/**  
 * Run before each test case starts.  
 */  
  
@SetupTestCase(skipped = true) // Please change skipped to be false to  
activate this method.  
  
def setupTestCase() {  
    // Put your code here.  
}
```

```
/**  
 * Run after each test case ends.  
 */  
  
@TearDownTestCase(skipped = true) // Please change skipped to be false to  
activate this method.  
  
def tearDownTestCase() {  
    // Put your code here.  
}  
  
/**  
 * References:  
 * Groovy tutorial page: http://docs.groovy-  
lang.org/next/html/documentation/  
 */
```

## DATA FILES

### DATA DRIVEN TESTING



```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject
```

```
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint  
  
import com.kms.katalon.core.checkpoint.CheckpointFactory as  
CheckpointFactory  
  
import com.kms.katalon.core.model.FailureHandling as FailureHandling  
  
import com.kms.katalon.core.testcase.TestCase as TestCase  
  
import com.kms.katalon.core.testcase.TestCaseFactory as TestCaseFactory  
  
import com.kms.katalon.coretestdata.TestData as TestData
```

```
import com.kms.katalon.coretestdata.TestDataFactory as TestDataFactory
import com.kms.katalon.coretestobject.ObjectRepository as ObjectRepository
import com.kms.katalon.coretestobject.TestObject as TestObject

import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile

import internal.GlobalVariable as GlobalVariable

import com.kms.katalon.core.annotation.SetUp
import com.kms.katalon.core.annotation.SetupTestCase
import com.kms.katalon.core.annotation.TearDown
import com.kms.katalon.core.annotation.TearDownTestCase

/**
 * Some methods below are samples for using SetUp/TearDown in a test suite.
 */

/**
 * Setup test suite environment.
 */
@SetUp(skipped = true) // Please change skipped to be false to activate this method.

def setUp() {
    // Put your code here.
```

```
}
```

```
/**
```

```
* Clean test suites environment.
```

```
*/
```

```
@TearDown(skipped = true) // Please change skipped to be false to activate  
this method.
```

```
def tearDown() {
```

```
    // Put your code here.
```

```
}
```

```
/**
```

```
* Run before each test case starts.
```

```
*/
```

```
@SetupTestCase(skipped = true) // Please change skipped to be false to  
activate this method.
```

```
def setupTestCase() {
```

```
    // Put your code here.
```

```
}
```

```
/**
```

```
* Run after each test case ends.
```

```
*/
```

```
@TearDownTestCase(skipped = true) // Please change skipped to be false to  
activate this method.
```

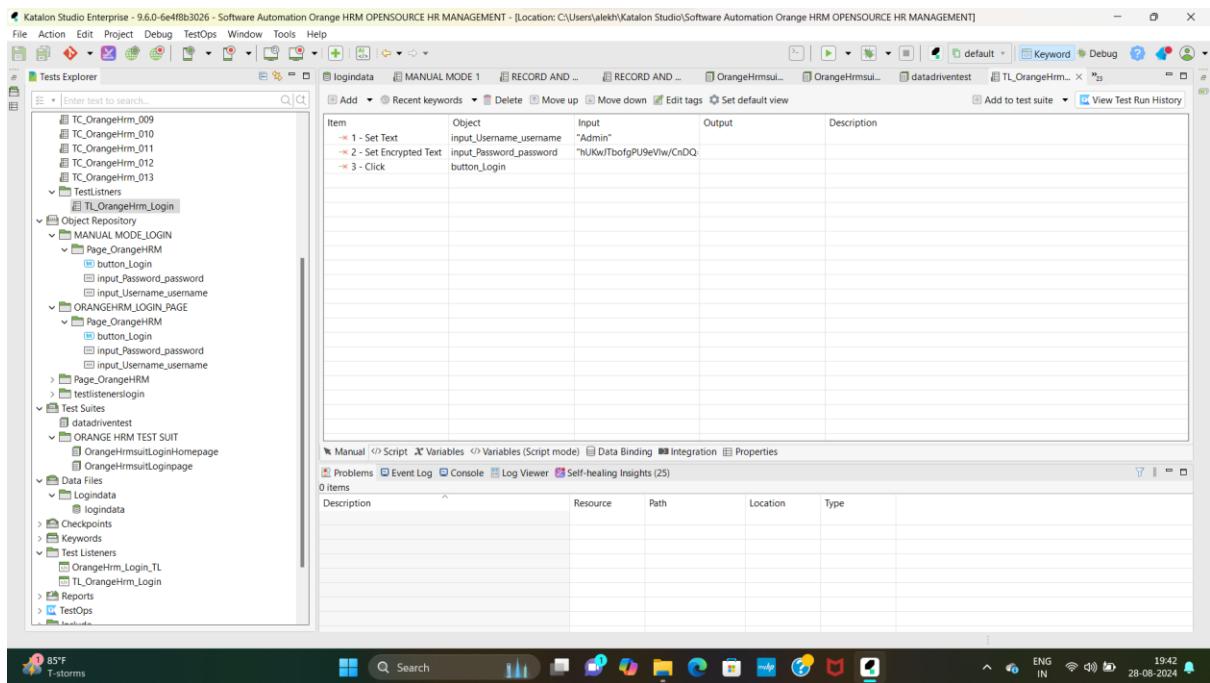
```
def tearDownTestCase() {
```

```
    // Put your code here.
```

}

```
/**  
 * References:  
 * Groovy tutorial page: http://docs.groovy-lang.org/next/html/documentation/  
 */
```

## TEST LISTENERS



## Login data

```
import static  
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint  
  
import static com.kms.katalon.core.testcase.TestCaseFactory.findTestCase  
  
import static com.kms.katalon.coretestdata.TestDataFactory.findTestData  
  
import static com.kms.katalon.core.testobject.ObjectRepository.findTestObject  
  
  
import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint
```

```
import com.kms.katalon.core.model.FailureHandling as FailureHandling
import com.kms.katalon.core.testcase.TestCase as TestCase
import com.kms.katalon.coretestdata.TestData as TestData
import com.kms.katalon.coretestobject.TestObject as TestObject

import com.kms.katalon.core.webservice.keyword.WSBuiltInKeywords as WS
import com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywords as WebUI
import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile

import internal.GlobalVariable as GlobalVariable

import com.kms.katalon.core.annotation.BeforeTestCase
import com.kms.katalon.core.annotation.BeforeTestSuite
import com.kms.katalon.core.annotation.AfterTestCase
import com.kms.katalon.core.annotation.AfterTestSuite
import com.kms.katalon.core.context.TestCaseContext
import com.kms.katalon.core.context.TestSuiteContext

class OrangeHrm_Login_TL {
    /**
     * Executes before every test case starts.
     * @param testCaseContext related information of the executed test
     * case.
     */
    @BeforeTestCase
    def sampleBeforeTestCase(TestCaseContext testCaseContext) {
```

```
    println testCaseContext.getTestId()
    println testCaseContext.getTestCaseVariables()
}

/** 
 * Executes after every test case ends.
 * @param testCaseContext related information of the executed test
case.
 */
@AfterTestCase
def sampleAfterTestCase(TestCaseContext testCaseContext) {
    println testCaseContext.getTestId()
    println testCaseContext.getTestCaseStatus()
}

/** 
 * Executes before every test suite starts.
 * @param testSuiteContext: related information of the executed test
suite.
 */
@BeforeTestSuite
def sampleBeforeTestSuite(TestSuiteContext testSuiteContext) {
    println testSuiteContext.getTestSuiteId()
}

/** 
 * Executes after every test suite ends.

```

```
* @param testSuiteContext: related information of the executed test
suite.

*/
@AfterTestSuite
def sampleAfterTestSuite(TestSuiteContext testSuiteContext) {
    println testSuiteContext.getTestId()
}

}
```