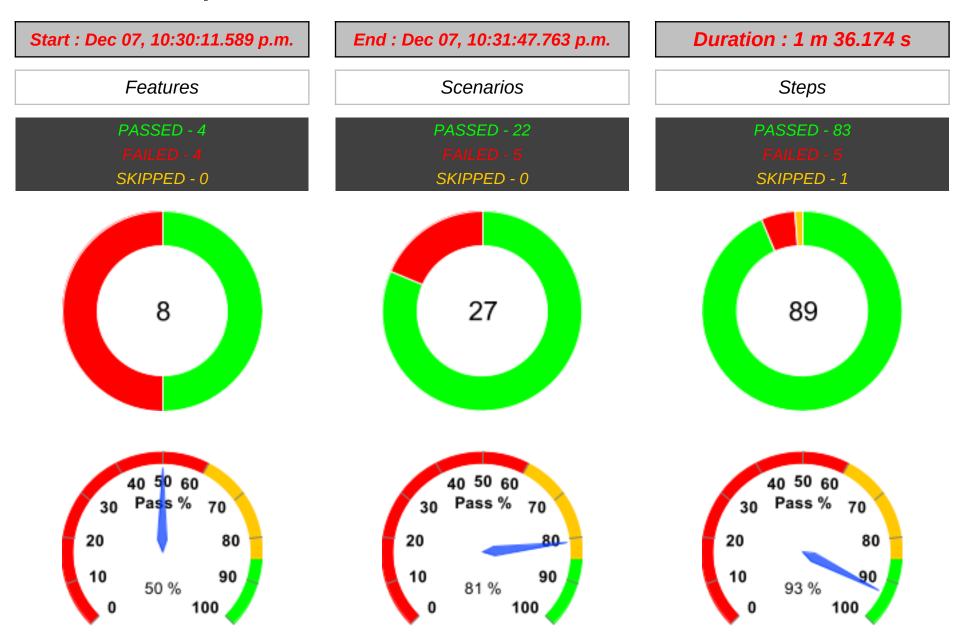
Cucumber Report

Dec 7, 2023, 10:31:49 p.m.



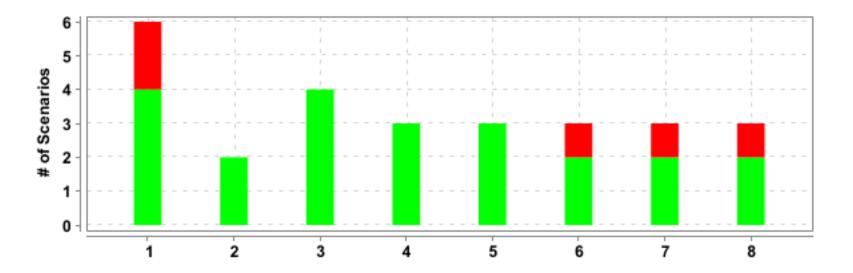
Feature			Scei	nario			St	ер	
Name	Duration	T	P	F	S	T	P	F	S
Register new Account	20.850 s	6	4	2	0	18	15	2	1
The module Data Structure	10.401 s	2	2	0	0	8	8	0	0
The module Arrays	21.018 s	4	4	0	0	14	14	0	0
LinkedList acessed by user	6.900 s	3	3	0	0	9	9	0	0
User is learning Stack Data Structure	7.214 s	3	3	0	0	9	9	0	0
Run the tryEditor in Overview of Trees Tree Module	11.270 s	3	2	1	0	10	9	1	0
User should be able to run Graph Module features	8.936 s	3	2	1	0	11	10	1	0
User should be able to run Queue Module features	9.385 s	3	2	1	0	10	9	1	0

FAIL & SKIP SCENARIOS -- 3 --

#	Feature Name	Scenario Name
1	Register new Account	Creating new user account
2		Validate the login page with invalid credentials
3	Run the tryEditor in Overview of Trees Tree Module	Testing the tryEditor Box with invalid syntax in Overview of Trees Option
4	User should be able to run Graph Module features	Test the Graph Module with invalid syntax in editor box
5	User should be able to run Queue Module features	Test the Queue Module with invalid syntax in editor box

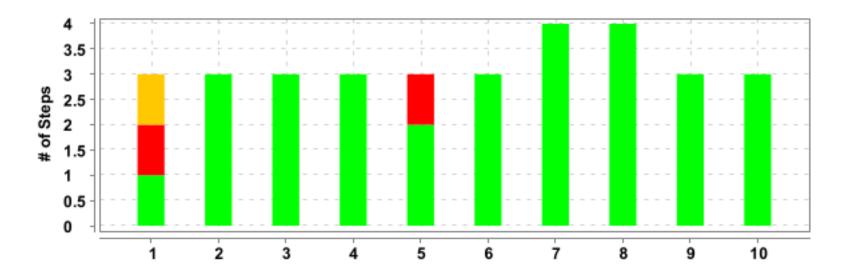
TAG		Scer	nario			Fea	eature		
Name	T	P	F	S	T	P	F	S	
@tag	21	17	4	0	6	3	3	0	
@third	1	0	1	0	1	0	1	0	
@second	1	1	0	0	1	0	1	0	
@tag1	7	7	0	0	7	4	3	0	
@tag2	7	4	3	0	7	4	3	0	
@tag3	4	4	0	0	4	2	2	0	
@last	1	1	0	0	1	0	1	0	

FEATURES SUMMARY -- 5 --



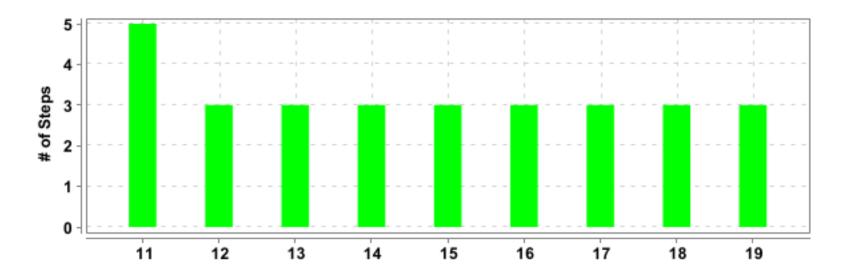
#	Feature Name	T	P	F	S	Duration
1	Register new Account	6	4	2	0	20.850 s
2	The module Data Structure	2	2	0	0	10.401 s
3	The module Arrays	4	4	0	0	21.018 s
4	LinkedList acessed by user	3	3	0	0	6.900 s
5	User is learning Stack Data Structure	3	3	0	0	7.214 s
6	Run the tryEditor in Overview of Trees Tree Module	3	2	1	0	11.270 s
7	User should be able to run Graph Module features	3	2	1	0	8.936 s
8	User should be able to run Queue Module features	3	2	1	0	9.385 s

SCENARIOS SUMMARY -- 6 --



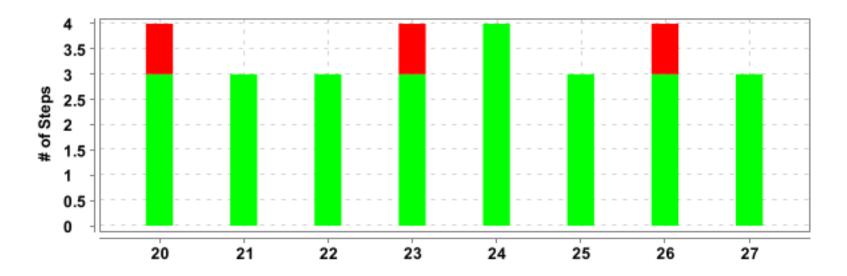
#	Feature Name	Scenario Name	T	P	F	S	Duration
1	Register new Account	Creating new user account	3	1	1	1	10.725 s
2		Validating Login process for User with incorrect credentials	3	3	0	0	1.487 s
3		User is trying register with correct credentials	3	3	0	0	0.372 s
4		Creating new user account	3	3	0	0	3.262 s
5		Validate the login page with invalid credentials	3	2	1	0	1.157 s
6		Validate the login page with valid credentials	3	3	0	0	3.614 s
7	The module Data Structure	Trying the correct script	4	4	0	0	6.803 s
8		Trying the incorrect script	4	4	0	0	3.582 s
9	The module Arrays	Trying the correct script	3	3	0	0	5.004 s
10		Trying the incorrect script	3	3	0	0	2.505 s

SCENARIOS SUMMARY -- 7 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
11	The module Arrays	Testing the tryEditor Box with valid syntax in Find Even Numbers Question	5	5	0	0	8.827 s
12		Testing the tryEditor Box with valid syntax in Squares of a Sorted Array Question	3	3	0	0	4.609 s
13	LinkedList acessed by user	User is learning LinkedList by navigating through all below links	3	3	0	0	1.636 s
14		Invalid code in linked list.	3	3	0	0	2.650 s
15		Valid code in linked list.	3	3	0	0	2.568 s
16	User is learning Stack Data Structure	User wants to learn and explore Stack	3	3	0	0	1.108 s
17		User enters valid data	3	3	0	0	3.514 s
18		User enters invalid data	3	3	0	0	2.560 s
19	Run the tryEditor in Overview of Trees <u>Tree Module</u>	Choosing of Tree Module from the List page	3	3	0	0	1.903 s

SCENARIOS SUMMARY -- 8 --



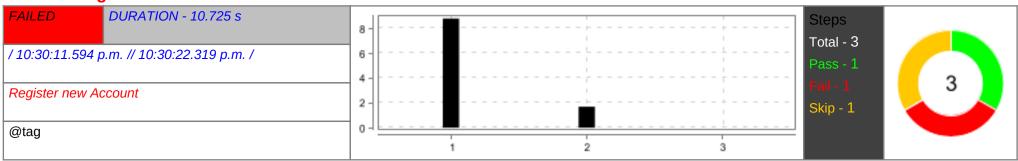
#	Feature Name	Scenario Name	T	P	F	S	Duration
20	Run the tryEditor in Overview of Trees Tree Module	Testing the tryEditor Box with invalid syntax in Overview of Trees Option	4	3	1	0	4.020 s
21		Testing the tryEditor Box with valid syntax in Overview of Trees Option	3	3	0	0	5.309 s
22	User should be able to run Graph Module features	Selecting the Graph Module from the dropdown list	3	3	0	0	0.316 s
23		Test the Graph Module with invalid syntax in editor box	4	3	1	0	4.498 s
24		Test the Graph Module with valid syntax in editor box	4	4	0	0	4.089 s
25	User should be able to run Queue Module features	Selecting the Queue Module from the dropdown list	3	3	0	0	0.304 s
26		Test the Queue Module with invalid syntax in editor box	4	3	1	0	4.794 s
27		Test the Queue Module with valid syntax in editor box	3	3	0	0	4.256 s

DETAILED SECTION -- 9 --

Register new Account

FAILED	DURATION - 20.850 s	Scenarios		Steps	
		Total - 6		Total - 18	
/ 10:30:11.589 p.m. /	/ 10:30:32.439 p.m. /	Pass - 4	6	Pass - 15	18
		Fail - 2		Fail - 2	10
		Skip - 0		Skip - 1	

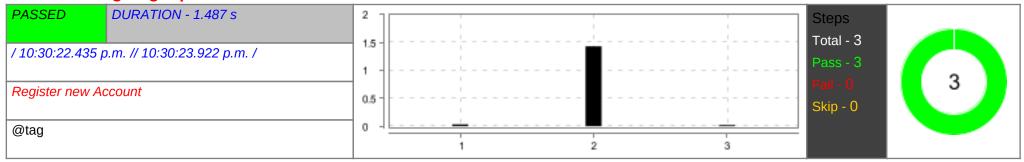
Creating new user account



#	Step / Hook Details	Status	Duration
1	Given user is in the dsalgo url page	PASSED	8.795 s
2	When user enters invalid data from "Register" and 2 in excelpath	FAILED	1.687 s
	java.lang.lllegalArgumentException: Sheet index (-1) is out of range (00) at org.apache.poi.xssf.usermodel.XSSFWorkbook.validateSheetIndex(XSSFWorkbook.java:1484) at org.apache.poi.xssf.usermodel.XSSFWorkbook.getSheetAt(XSSFWorkbook.java:1186) at Utilities.ExcelReader.getCellData(ExcelReader.java:55) at Steps_DsAlgo.LoginSteps.user_enters_invalid_data_from_and_in_excelpath(LoginSteps.java:40) at ?.user enters invalid data from "Register" and 2 in excelpath(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/ALogin.feature:6) * Not displayable characters are replaced by '?'.		
3	Then user prints the error message	SKIPPED	0.000 s
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.216 s
	Creating_new_user_account		

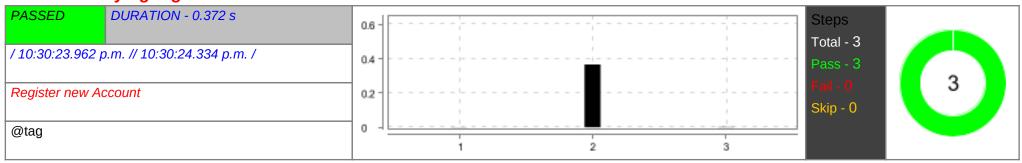
#	Step / Hook Details	Status	Duration
	Managing 20 continued to the state of the st		

Validating Login process for User with incorrect credentials



#	Step / Hook Details	Status	Duration
1	Given User is on register page	PASSED	0.032 s
2	When User clicks on Login button with entering invalid Username "Test Data" and Password 0	PASSED	1.431 s
3	Then User should land on register page	PASSED	0.021 s

User is trying register with correct credentials



#	Step / Hook Details	Status	Duration
1	Given User is on the register page second time	PASSED	0.001 s
2	When clicks on Login button with entering valid Username "Test Data" and Password 1	PASSED	0.367 s
3	Then User should land on home page	PASSED	0.002 s

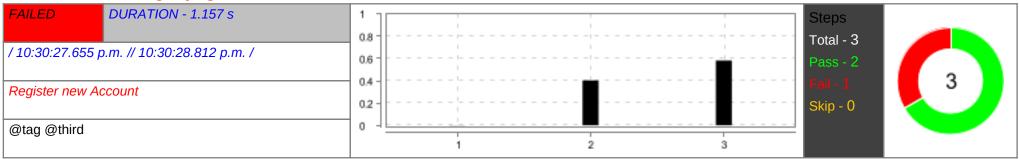
DETAILED SECTION -- 11 --

Creating new user account

PASSED DURATION - 3.262 s	3 7	1	!		Steps	
/10:20:24 269 p.m. // 10:20:27 620 p.m. //	2				Total - 3	
/ 10:30:24.368 p.m. // 10:30:27.630 p.m. /	[*]				Pass - 3	
Register new Account	1				Fail - 0	3
		<u>.i.</u>		<u> </u>	Skip - 0	
@tag	0-1		1		=	
		1	Z	3		

#	Step / Hook Details	Status	Duration
1	Given user is in the dsalgo register page	PASSED	0.146 s
2	When user enters valid data from "Register" and 3 excelpath	PASSED	2.716 s
3	Then user lands on the login page	PASSED	0.399 s

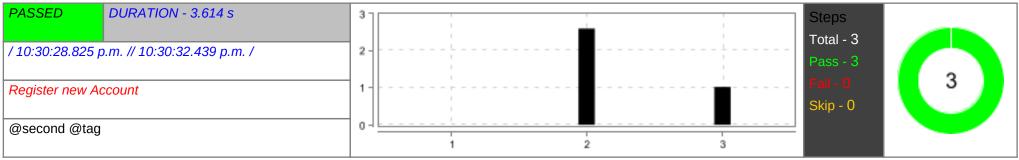
Validate the login page with invalid credentials



#	Step / Hook Details	Status	Duration
1	Given user is in the login page	PASSED	0.001 s
2	When user enters invalid username from "LoginPage" and password from 3	PASSED	0.403 s
3	Then user stays on the login page	FAILED	0.582 s
	java.lang.AssertionError: expected [U are logged in] but found [Invalid Username and Password] at org.testng.Assert.fail(Assert.java:110) at org.testng.Assert.failNotEquals(Assert.java:1577) at org.testng.Assert.assertEqualsImpl(Assert.java:149) at org.testng.Assert.assertEquals(Assert.java:131) at org.testng.Assert.assertEquals(Assert.java:655) at org.testng.Assert.assertEquals(Assert.java:665)		

#	Step / Hook Details	Status	Duration
	at Steps_DsAlgo.LoginSteps.user_stays_on_the_login_page(LoginSteps.java:182) at ?.user stays on the login page(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/ALogin. feature:47) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.171 s
	Validate_the_login_page_with_invalid_credentials		
	Nargifique destructure (sept. 1997) The sept. 1997 of the sept. 1		

Validate the login page with valid credentials



#	Step / Hook Details	Status	Duration
1	Given user is in the login page	PASSED	0.000 s
2	When user enters valid username from "LoginPage" and password from 2	PASSED	2.594 s
3	Then user lands on the home page	PASSED	1.020 s

The module Data Structure



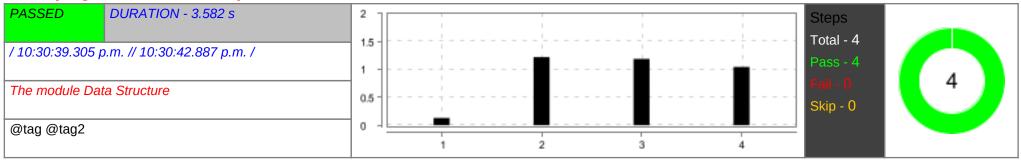
DETAILED SECTION -- 13 --

Trying the correct script

PASSED DURATION - 6.803 s	4 The steps	
/10:20:22 406 p.m. //10:20:20 200 p.m. /	3Total - 4	
/ 10:30:32.486 p.m. // 10:30:39.289 p.m. /	2	
The module Data Structure	1 - 1 Fail - 0	4
	' Skip - 0	
@tag @tag1	1 2 3 4	
	. 2 3 4	

#	Step / Hook Details	Status	Duration
1	Given The user is on Home page	PASSED	1.021 s
2	When User Clicks on the DataStructure	PASSED	0.229 s
3	And User clicks on Time Complexity and try here	PASSED	3.213 s
4	Then User gives the correct code	PASSED	2.338 s

Trying the incorrect script

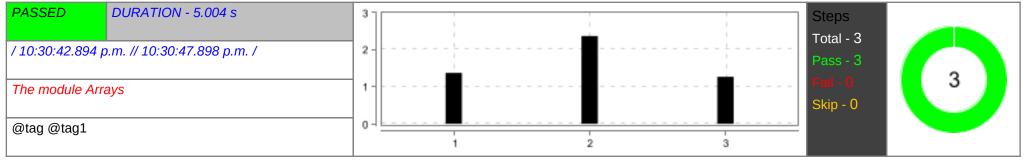


#	Step / Hook Details	Status	Duration
1	Given The user is on Home page link	PASSED	0.130 s
2	When User Clicks on the DataStructure link	PASSED	1.219 s
3	And User clicks on Time Complexity link and try here	PASSED	1.187 s
4	Then User gives the incorrect code	PASSED	1.044 s

The module Arrays

PASSED	DURATION - 21.018 s	Scenarios		Steps	
		Total - 4		Total - 14	
/ 10:30:42.894 p.m.	// 10:31:03.912 p.m. /	Pass - 4	4	Pass - 14	14
		Fail - 0		Fail - 0	Table Tabl
		Skip - 0		Skip - 0	

Trying the correct script



#	Step / Hook Details	Status	Duration
1	Given The user is able to navigate to Array Data Structure Page.	PASSED	1.372 s
2	When The user clicks Arrays in Python button.	PASSED	2.367 s
3	Then The user tries the correct script	PASSED	1.265 s

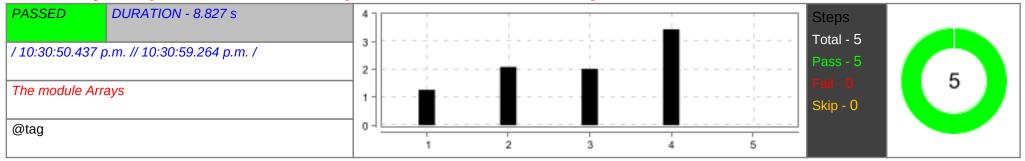
Trying the incorrect script

PASSED	DURATION - 2.505 s	2		Steps	
/ 10:30:47.921 (p.m. // 10:30:50.426 p.m. /	1.5 -	-	Total - 3	
		1 -		Pass - 3 Fail - 0	3
The module Arr	rays	0.5 -		Skip - 0	ا
@tag @tag2		0 -	1 2 2		
			1 2 3		

	#	Step / Hook Details	Status	Duration
1		Given The user is on the Array page link after logged in.	PASSED	0.002 s
2		When The user clicks Arrays in Python link button.	PASSED	1.437 s

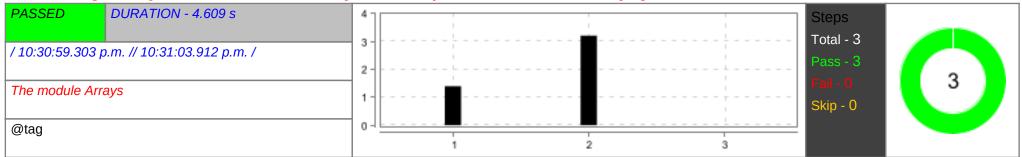
#	Step / Hook Details	Status	Duration
3	Then The user tries the incorrect script link.	PASSED	1.061 s

Testing the tryEditor Box with valid syntax in Find Even Numbers Question



#	Step / Hook Details	Status	Duration
1	Given user lands on home page	PASSED	1.267 s
2	When user trys to enter the valid python code in Search tryEditor Box using "Python" and 9 from excel	PASSED	2.086 s
3	When user trys to enter the valid python code in Max tryEditor Box using "Python" and 10 from excel	PASSED	2.019 s
4	When user trys to enter the valid python code in the tryEditor Box using "Python" and 1 from excel	PASSED	3.436 s
5	Then user validates the input message printed in the console	PASSED	0.002 s

Testing the tryEditor Box with valid syntax in Squares of a Sorted Array Question

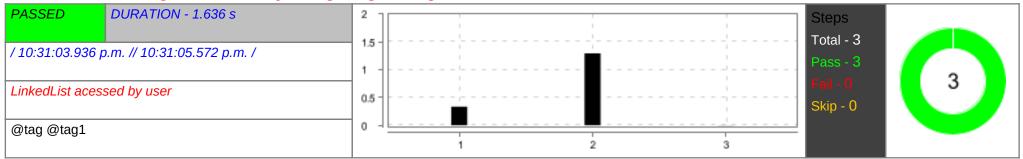


#	Step / Hook Details	Status	Duration
1	Given user redirected back to the Practice Questions page	PASSED	1.396 s
2	When user trys to enter the valid python code in the tryEditor Box using "Python" and 2 from excel sheet	PASSED	3.210 s
3	Then user validates the input message printed in console	PASSED	0.001 s

LinkedList acessed by user

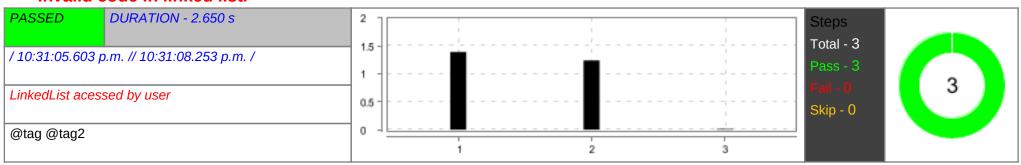
Scenarios		Steps	
Total - 3		Total - 9	
Pass - 3	3	Pass - 9	9
Fail - 0		Fail - 0	
Skip - 0		Skip - 0	
	Total - 3 Pass - 3 Fail - 0	Total - 3 Pass - 3 Fail - 0	Total - 3 Pass - 3 Fail - 0 Total - 9 Pass - 9 Fail - 0

User is learning LinkedList by navigating through all below links



#	Step / Hook Details	Status	Duration
1	Given User selects Linked List Page after logging in	PASSED	0.335 s
2	When User clicks introduction button	PASSED	1.294 s
3	Then User is directed to the Intorduction Page of Linked List	PASSED	0.003 s

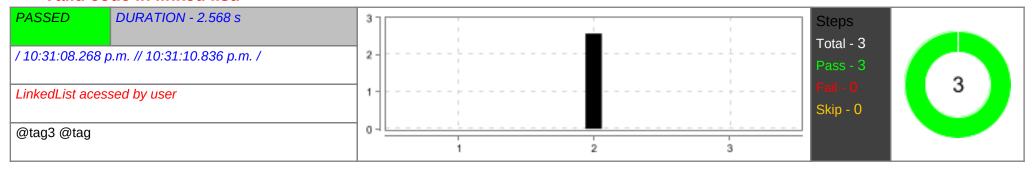
Invalid code in linked list.



DETAILED SECTION -- 17 --

#	Step / Hook Details	Status	Duration
1	Given User is on Introduction Page	PASSED	1.394 s
2	When User clicks Try Here and writes in-valid code in python	PASSED	1.241 s
3	Then User accept The pop - up block appears	PASSED	0.013 s

Valid code in linked list.



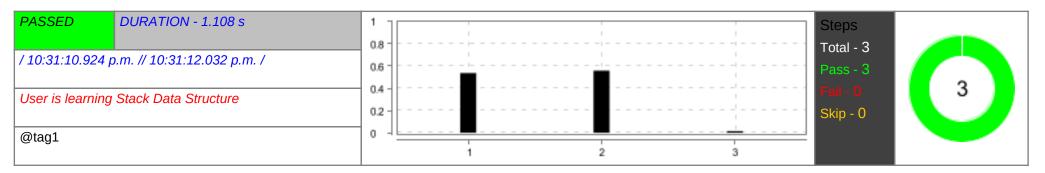
#	Step / Hook Details	Status	Duration
1	Given User Clears the code	PASSED	0.000 s
2	When User clicks on in Try Here and writes valid code in python	PASSED	2.568 s
3	Then User checks for console	PASSED	0.000 s

User is learning Stack Data Structure

ATION - 7.214 s	Scenarios		Steps	
	Total - 3		Total - 9	
l:18.138 p.m. /	Pass - 3	3	Pass - 9	9
	Fail - 0		Fail - 0	
	Skip - 0		Skip - 0	
	RATION - 7.214 s 1:18.138 p.m. /	1:18.138 p.m. / Pass - 3 Fail - 0	Total - 3 Pass - 3 Fail - 0	Total - 3 Pass - 3 Fall - 0 Scentifies Total - 9 Pass - 9 Fail - 0

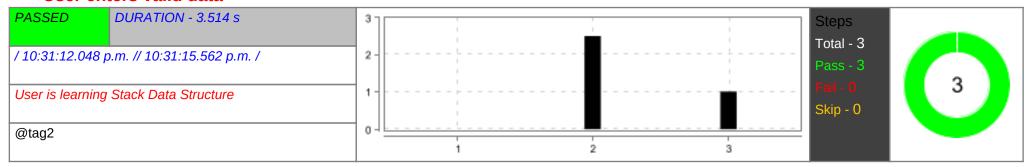
User wants to learn and explore Stack

DETAILED SECTION -- 18 --



#	Step / Hook Details	Status	Duration
1	Given User is logged in and selects Stack from Data Structures	PASSED	0.536 s
2	When User clicks on Operations in Stack	PASSED	0.558 s
3	Then User is on Operations in Stack page	PASSED	0.014 s

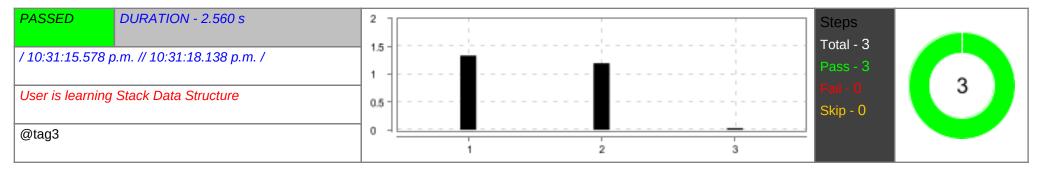
User enters valid data



#	Step / Hook Details	Status	Duration
1	Given User navigates back to Operations Page	PASSED	0.000 s
2	When User scrolls down on Try Here and writes valid code in python	PASSED	2.502 s
3	Then User checks for stack console	PASSED	1.012 s

User enters invalid data

DETAILED SECTION -- 19 --

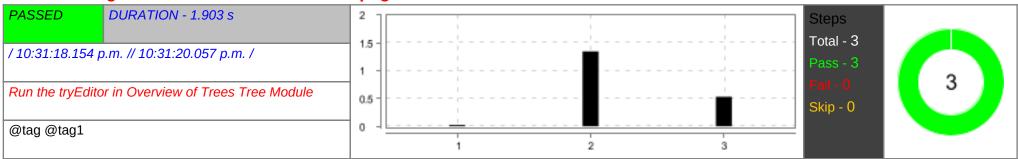


#	Step / Hook Details	Status	Duration
1	Given User is going back to Operations Page	PASSED	1.335 s
2	When User clicks on Try Here and writes in-valid code	PASSED	1.195 s
3	Then User accepts pop-up	PASSED	0.030 s

Run the tryEditor in Overview of Trees Tree Module

FAILED DURATION - 11.270 s	Scenarios		Steps	
	Total - 3		Total - 10	
/ 10:31:18.154 p.m. // 10:31:29.424 p.m. /	Pass - 2	3	Pass - 9	10
	Fail - 1	l 📐 Š	Fail - 1	
	Skip - 0		Skip - 0	

Choosing of Tree Module from the List page

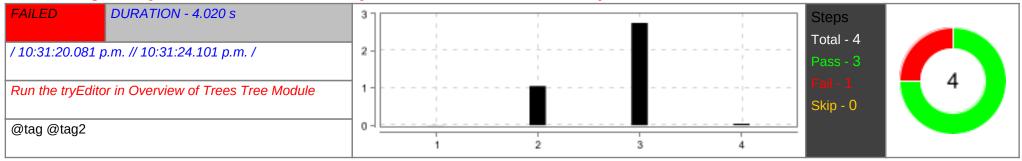


#	Step / Hook Details	Status	Duration
1	Given user navigates back to home page	PASSED	0.025 s
2	When user chooses the Tree Module from the lists in the home page	PASSED	1.345 s

DETAILED SECTION -- 20 --

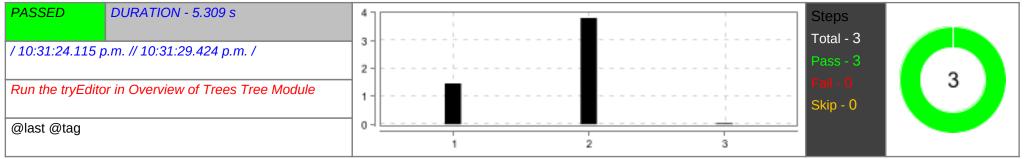
#	Step / Hook Details	Status	Duration
3	Then user lands on the Tree Module page	PASSED	0.531 s

Testing the tryEditor Box with invalid syntax in Overview of Trees Option



#	Step / Hook Details	Status	Duration
1	Given user is in the Tree Modules page	PASSED	0.003 s
2	When user scrolls down and chooses Overview of Trees link	PASSED	1.052 s
3	And user trys to enter the invalid python code in the tryEditor Box from "Python" and 3	PASSED	2.749 s
4	Then user checks for the error message	FAILED	0.038 s
	java.lang.AssertionError: expected [] but found [Overview of Trees] at org.testng.Assert.fail(Assert.java:110) at org.testng.Assert.fail(NotEquals(Assert.java:1577) at org.testng.Assert.assertEqualsImpl(Assert.java:149) at org.testng.Assert.assertEquals(Assert.java:131) at org.testng.Assert.assertEquals(Assert.java:655) at org.testng.Assert.assertEquals(Assert.java:665) at Steps_DsAlgo.TreeSteps.user_checks_for_the_error_message(TreeSteps.java:84) at ?.user checks for the error message(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/FTree. feature:13) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario) Testing_the_tryEditor_Box_with_invalid_syntax_in_Overview_of_Trees_Option	PASSED	0.177 s
	There is a final state of the s		

Testing the tryEditor Box with valid syntax in Overview of Trees Option

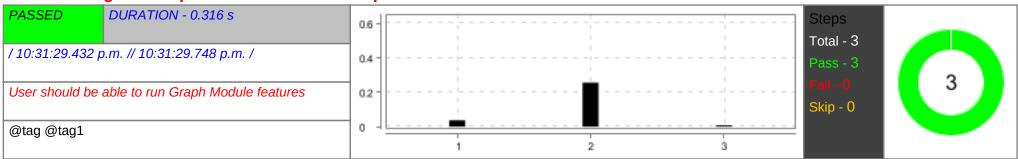


#	Step / Hook Details	Status	Duration
1	Given user redirected back to the Overview of Trees page	PASSED	1.463 s
2	When user trys to enter the valid python code in the tryEditor Box from "Python" and 4	PASSED	3.807 s
3	Then user validates the input message in the console	PASSED	0.037 s

User should be able to run Graph Module features

FAILED DURATION	I - 8.936 s	Scenarios		Steps	
		Total - 3		Total - 11	
/ 10:31:29.432 p.m. // 10:31:38.36	8 p.m. /	Pass - 2	3	Pass - 10	11
		Fail - 1		Fail - 1	
		Skip - 0		Skip - 0	

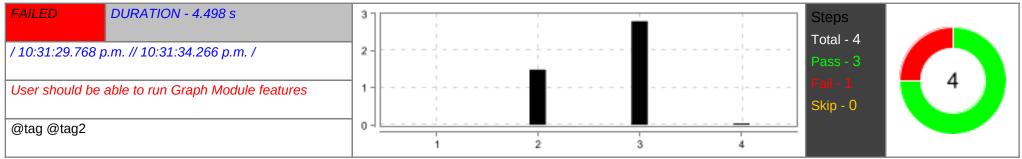
Selecting the Graph Module from the dropdown list



DETAILED SECTION -- 22 --

7	# Step / Hook Details	Status	Duration
1	Given user is on home page	PASSED	0.037 s
2	When user selecting the Graph Module from the dropdown list	PASSED	0.256 s
3	Then user will goto the Graph Module page	PASSED	0.008 s

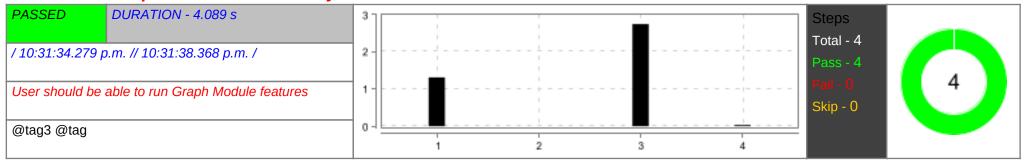
Test the Graph Module with invalid syntax in editor box



#	Step / Hook Details	Status	Duration
1	Given user is on the Graph Module page	PASSED	0.000 s
2	When user can scroll down to select option from Graph list	PASSED	1.489 s
3	And user enters the invalid python code with "Python" and 5 in grapheditor box	PASSED	2.792 s
4	Then user should have error message	FAILED	0.035 s
	java.lang.AssertionError: expected [Welcome to Graph] but found [] at org.testng.Assert.fail(Assert.java:110) at org.testng.Assert.failNotEquals(Assert.java:1577) at org.testng.Assert.assertEqualsImpl(Assert.java:149) at org.testng.Assert.assertEquals(Assert.java:131) at org.testng.Assert.assertEquals(Assert.java:655) at org.testng.Assert.assertEquals(Assert.java:665) at Steps_DsAlgo.GraphSteps.user_should_have_error_message(GraphSteps.java:133) at ?.user should have error message(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/Graph. feature:25) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.181 s
	Test_the_Graph_Module_with_invalid_syntax_in_editor_box		

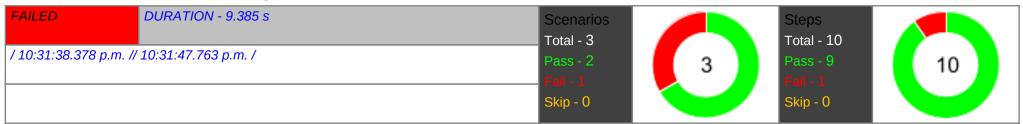
#	Step / Hook Details	Status	Duration
	Notices to depth		

Test the Graph Module with valid syntax in editor box



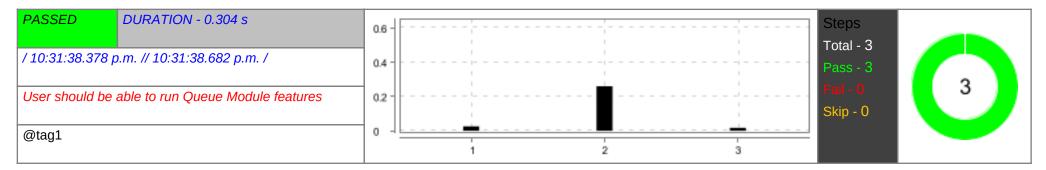
#	Step / Hook Details	Status	Duration
1	Given user go back to the Graph Module page	PASSED	1.312 s
2	When user scroll down to select option from Graph list	PASSED	0.001 s
3	And user enters the valid python code in "Python" and 6 grapheditor box	PASSED	2.746 s
4	Then user should get successful message	PASSED	0.029 s

User should be able to run Queue Module features



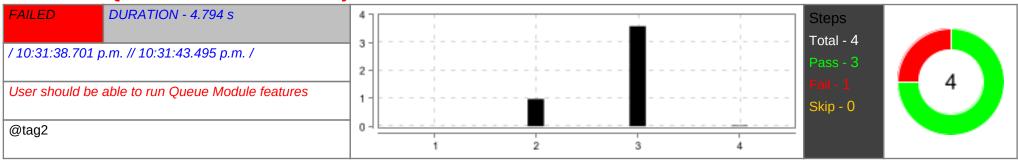
Selecting the Queue Module from the dropdown list

DETAILED SECTION -- 24 --



#	Step / Hook Details	Status	Duration
1	Given user is on the home page	PASSED	0.026 s
2	When user select the Queue Module from the dropdown list	PASSED	0.260 s
3	Then user goto the Queue Module page	PASSED	0.017 s

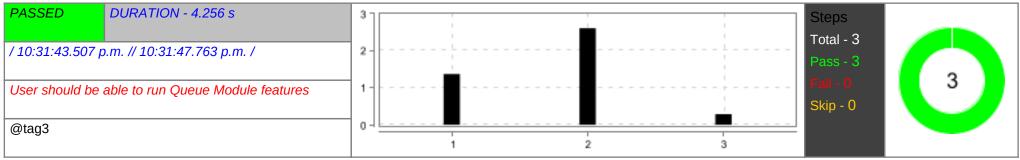
Test the Queue Module with invalid syntax in editor box



#	Step / Hook Details	Status	Duration
1	Given user is in the Queue Module page	PASSED	0.000 s
2	When user scroll down to select option from Queue list	PASSED	0.975 s
3	And user enters the invalid python code in "Python" and 7 the editor box	PASSED	3.583 s
4	Then user should get a error message	FAILED	0.025 s
	java.lang.AssertionError: expected [Welcome to Queue] but found [] at org.testng.Assert.fail(Assert.java:110) at org.testng.Assert.failNotEquals(Assert.java:1577) at org.testng.Assert.assertEqualsImpl(Assert.java:149) at org.testng.Assert.assertEquals(Assert.java:131) at org.testng.Assert.assertEquals(Assert.java:655) at org.testng.Assert.assertEquals(Assert.java:665)		

#	Step / Hook Details	Status	Duration
	at Steps_DsAlgo.QueueSteps.user_should_get_a_error_message(QueueSteps.java:134) at ?.user should get a error message(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/Queue. feature:19) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.205 s
	Test_the_Queue_Module_with_invalid_syntax_in_editor_box		

Test the Queue Module with valid syntax in editor box



#	Step / Hook Details	Status	Duration
1	Given user go back to the Queue Module page	PASSED	1.368 s
2	When user enters the valid python code in "Python" and 8 editor box	PASSED	2.602 s
3	Then user should get success message	PASSED	0.284 s