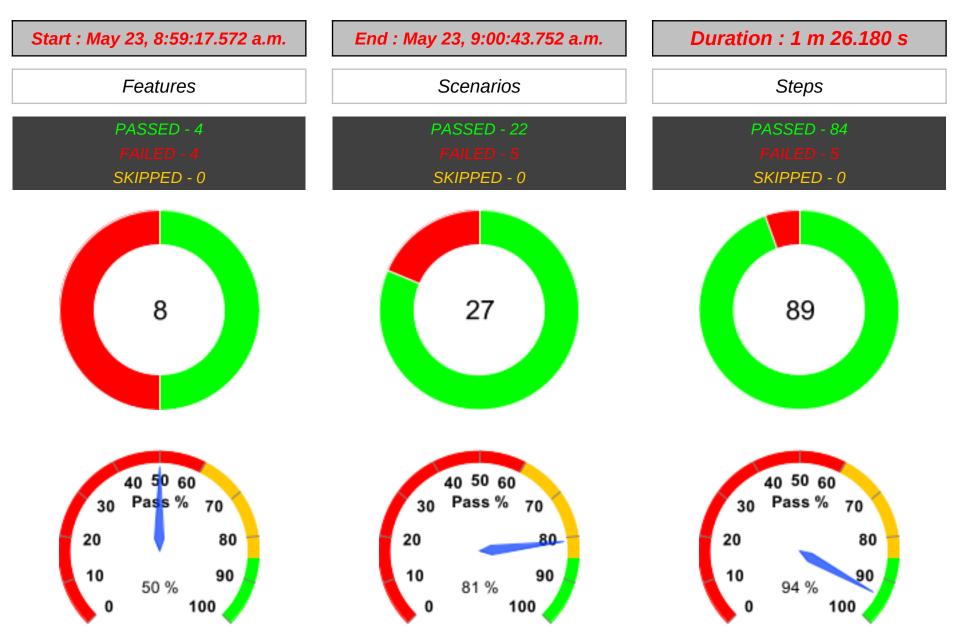
Cucumber Report

May 23, 2023, 9:00:44 a.m.



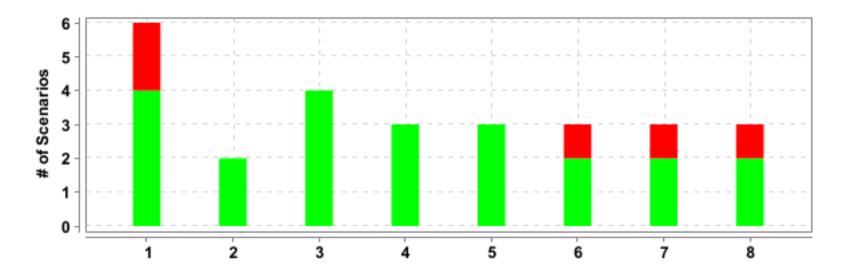
Feature			Scei	nario			St	ер	
Name	Duration	T	P	F	S	T	P	F	S
Register new Account	14.171 s	6	4	2	0	18	16	2	0
The module Data Structure	9.989 s	2	2	0	0	8	8	0	0
The module Arrays	19.441 s	4	4	0	0	14	14	0	0
LinkedList acessed by user	6.616 s	3	3	0	0	9	9	0	0
User is learning Stack Data Structure	6.469 s	3	3	0	0	9	9	0	0
Run the tryEditor in Overview of Trees Tree Module	11.091 s	3	2	1	0	10	9	1	0
User should be able to run Graph Module features	8.796 s	3	2	1	0	11	10	1	0
User should be able to run Queue Module features	9.480 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

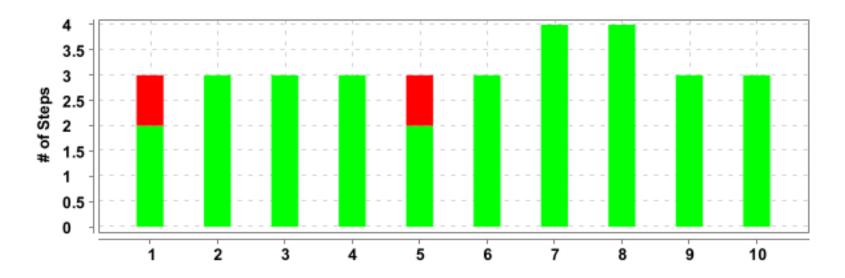
TAG		Scer	nario			Fea	eature		
Name	T	P	F	S	T	P	F	S	
@tag	21	17	4	0	6	3	3	0	
@third	1	0	1	0	1	0	1	0	
@second	1	1	0	0	1	0	1	0	
@tag1	7	7	0	0	7	4	3	0	
@tag2	7	4	3	0	7	4	3	0	
@tag3	4	4	0	0	4	2	2	0	
@last	1	1	0	0	1	0	1	0	

FEATURES SUMMARY -- 5 --



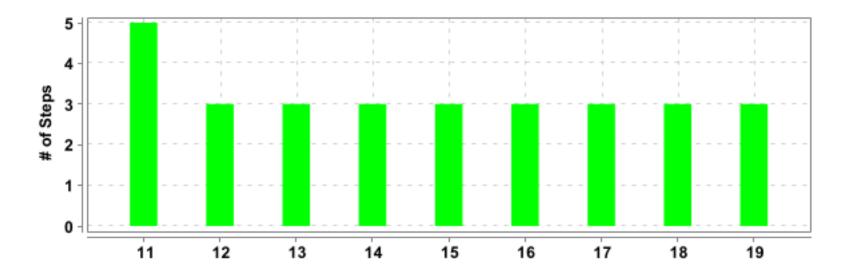
#	Feature Name	T	P	F	S	Duration
1	Register new Account	6	4	2	0	14.171 s
2	The module Data Structure	2	2	0	0	9.989 s
3	The module Arrays	4	4	0	0	19.441 s
4	LinkedList acessed by user	3	3	0	0	6.616 s
5	User is learning Stack Data Structure	3	3	0	0	6.469 s
6	Run the tryEditor in Overview of Trees Tree Module	3	2	1	0	11.091 s
7	User should be able to run Graph Module features	3	2	1	0	8.796 s
8	User should be able to run Queue Module features	3	2	1	0	9.480 s

SCENARIOS SUMMARY -- 6 --



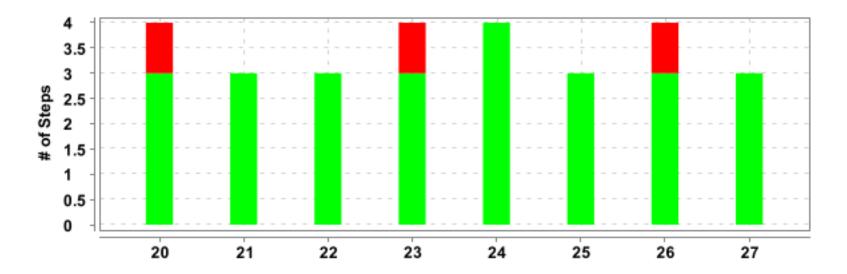
#	Feature Name	Scenario Name	T	P	F	S	Duration
1	Register new Account	Creating new user account	3	2	1	0	4.954 s
2		Validating Login process for User with incorrect credentials	3	3	0	0	1.320 s
3		User is trying register with correct credentials	3	3	0	0	0.266 s
4		Creating new user account	3	3	0	0	2.940 s
5		Validate the login page with invalid credentials	3	2	1	0	1.022 s
6		Validate the login page with valid credentials	3	3	0	0	3.540 s
7	The module Data Structure	Trying the correct script	4	4	0	0	6.419 s
8		Trying the incorrect script	4	4	0	0	3.545 s
9	The module Arrays	Trying the correct script	3	3	0	0	4.707 s
10		Trying the incorrect script	3	3	0	0	2.489 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	7.854 s
12		Testing the tryEditor Box with valid syntax in Squares of a Sorted Array Question	3	3	0	0	4.353 s
13	LinkedList acessed by user	User is learning LinkedList by navigating through all below links	3	3	0	0	1.619 s
14		Invalid code in linked list.	3	3	0	0	2.476 s
15		Valid code in linked list.	3	3	0	0	2.473 s
16	User is learning Stack Data Structure	User wants to learn and explore Stack	3	3	0	0	0.521 s
17		User enters valid data	3	3	0	0	3.445 s
18		User enters invalid data	3	3	0	0	2.477 s
19	Run the tryEditor in Overview of Trees Tree Module	Choosing of Tree Module from the List page	3	3	0	0	1.865 s

SCENARIOS SUMMARY -- 8 --



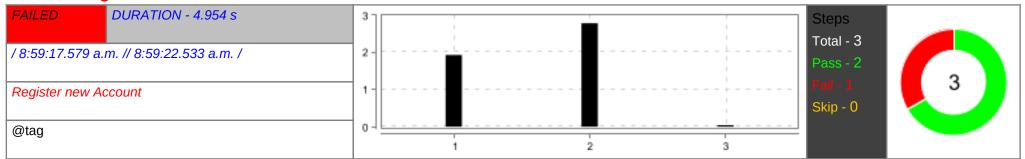
#	Feature Name	Scenario Name	T	P	F	S	Duration
20	Run the tryEditor in Overview of Trees Tree Module	Testing the tryEditor Box with invalid syntax in Overview of Trees Option	4	3	1	0	4.063 s
21		Testing the tryEditor Box with valid syntax in Overview of Trees Option	3	3	0	0	5.133 s
22	User should be able to run Graph Module features	Selecting the Graph Module from the dropdown list	3	3	0	0	0.254 s
23		Test the Graph Module with invalid syntax in editor box	4	3	1	0	4.464 s
24		Test the Graph Module with valid syntax in editor box	4	4	0	0	4.061 s
25	User should be able to run Queue Module features	Selecting the Queue Module from the dropdown list	3	3	0	0	0.289 s
26		Test the Queue Module with invalid syntax in editor box	4	3	1	0	4.730 s
27		Test the Queue Module with valid syntax in editor box	3	3	0	0	4.454 s

DETAILED SECTION -- 9 --

Register new Account

FAILED	DURATION - 14.171 s	Scenarios		Steps	
		Total - 6		Total - 18	
/8:59:17.572 a.m. //	8:59:31.743 a.m. /	Pass - 4	6	Pass - 16	18
		Fail - 2		Fail - 2	10
		Skip - 0		Skip - 0	

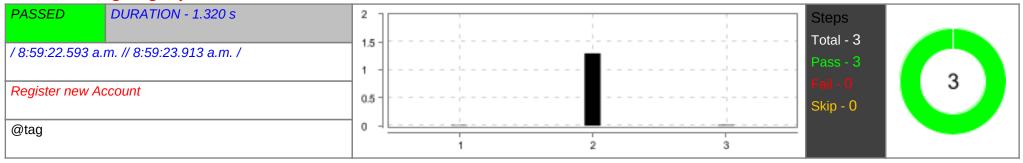
Creating new user account



#	Step / Hook Details	Status	Duration
1	Given user is in the dsalgo url page	PASSED	1.927 s
2	When user enters invalid data from "Register" and 2 in excelpath	PASSED	2.781 s
3	Then user prints the error message	FAILED	0.040 s
	java.lang.AssertionError: expected [password_mismatch:The two password fields didn't match.] but found [U are logged in] 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.LoginSteps.user_prints_the_error_message(LoginSteps.java:55) at ?.user prints the error message(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/ALogin. feature:7) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.191 s
	Creating_new_user_account		

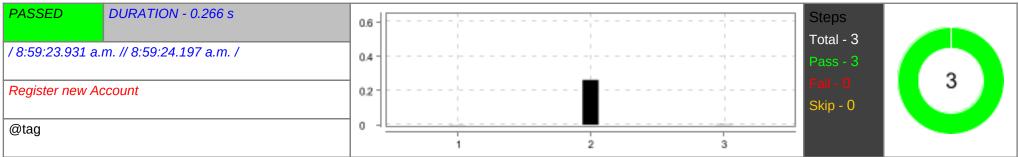
#	Step / Hook Details	Status	Duration
	Name of the control o		

Validating Login process for User with incorrect credentials



#	Step / Hook Details	Status	Duration
1	Given User is on register page	PASSED	0.009 s
2	When User clicks on Login button with entering invalid Username "Test Data" and Password 0	PASSED	1.297 s
3	Then User should land on register page	PASSED	0.012 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	0.262 s
3	Then User should land on home page	PASSED	0.002 s

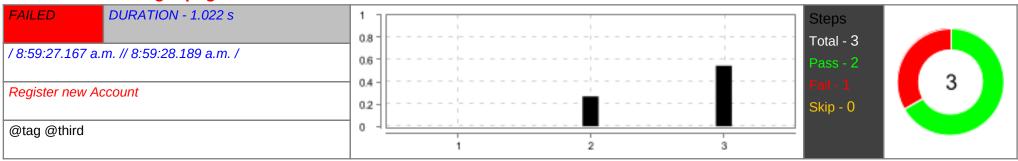
DETAILED SECTION -- 11 --

Creating new user account

PASSED DURATION - 2.940 s	Steps	
/ 8:59:24.209 a.m. // 8:59:27.149 a.m. /	Total - 3	
7 6.59.24.209 d.m. // 6.59.27.149 d.m. /	Pass - 3	
Register new Account	Fail - 0	
	Skip - 0	
@tag	1 1 2	
	1 2 3	

#	Step / Hook Details	Status	Duration
1	Given user is in the dsalgo register page	PASSED	0.107 s
2	When user enters valid data from "Register" and 3 excelpath	PASSED	2.479 s
3	Then user lands on the login page	PASSED	0.350 s

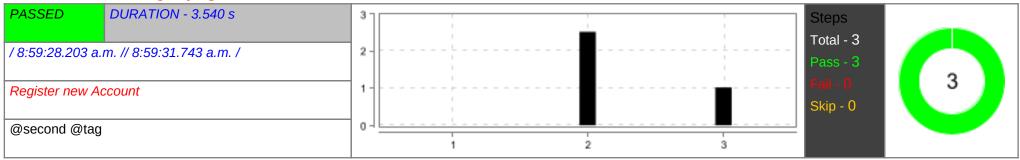
Validate the login page with invalid credentials



#	Step / Hook Details	Status	Duration
1	Given user is in the login page	PASSED	0.000 s
2	When user enters invalid username from "LoginPage" and password from 3		0.269 s
3	Then user stays on the login page		0.544 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)		

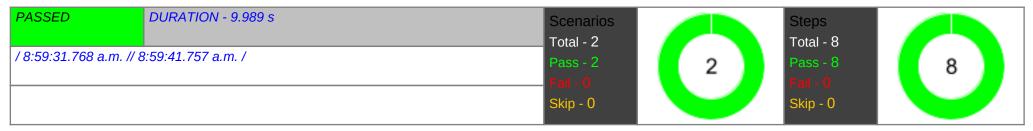
#	Step / Hook Details	Status	Duration
	at Steps_DsAlgo.LoginSteps.user_stays_on_the_login_page(LoginSteps.java:182) at ?.user stays on the login page(file:///C:/Users/shaun/eclipse-workspace/Ds_AlgoProject3/src/test/resources/FeaturesDsAlgo/ALogin. feature:47) * Not displayable characters are replaced by '?'.		
	AFTER - ApplicationHooks.AppHooks.tearDown(io.cucumber.java.Scenario)	PASSED	0.206 s
	Validate_the_login_page_with_invalid_credentials		
	Nargilips, derivatives (applications) (applications		

Validate the login page with valid credentials



#	Step / Hook Details	Status	Duration
1	Given user is in the login page		0.000 s
2	When user enters valid username from "LoginPage" and password from 2		2.520 s
3	Then user lands on the home page	PASSED	1.019 s

The module Data Structure



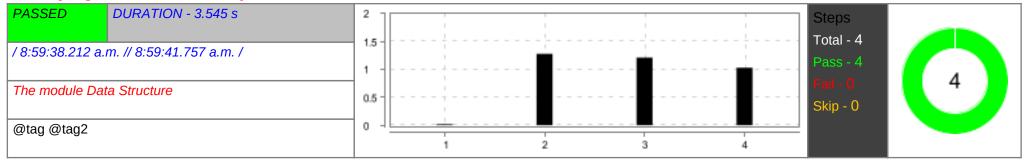
DETAILED SECTION -- 13 --

Trying the correct script

PASSED DURATION - 6.419 s	3 Steps	
/ 8:59:31.768 a.m. // 8:59:38.187 a.m. /	Total - 4	
7 6.59.51.7 06 a.m. // 6.59.56.167 a.m. /	Pass - 4	
The module Data Structure	1	4
	Skip - 0	
@tag @tag1	1 2 3 4	

#	Step / Hook Details	Status	Duration
1	Given The user is on Home page	PASSED	1.028 s
2	When User Clicks on the DataStructure	PASSED	0.205 s
3	And User clicks on Time Complexity and try here		2.941 s
4	Then User gives the correct code	PASSED	2.243 s

Trying the incorrect script

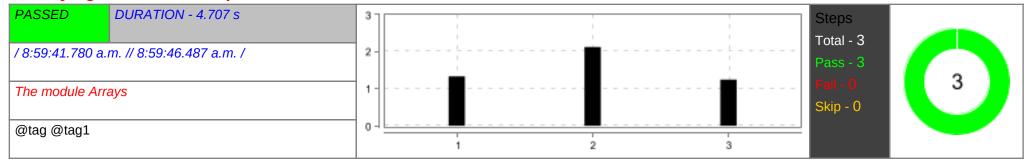


#	Step / Hook Details	Status	Duration
1	Given The user is on Home page link	PASSED	0.017 s
2	When User Clicks on the DataStructure link	PASSED	1.280 s
3	and User clicks on Time Complexity link and try here		1.212 s
4	Then User gives the incorrect code	PASSED	1.030 s

The module Arrays

PASSED	DURATION - 19.441 s	Scenarios		Steps	
		Total - 4		Total - 14	
/ 8:59:41.780 a.m. //	9:00:01.221 a.m. /	Pass - 4	4	Pass - 14	14
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

Trying the correct script



#	Step / Hook Details		Duration
1	Given The user is able to navigate to Array Data Structure Page.		1.334 s
2	When The user clicks Arrays in Python button.		2.123 s
3	Then The user tries the correct script	PASSED	1.246 s

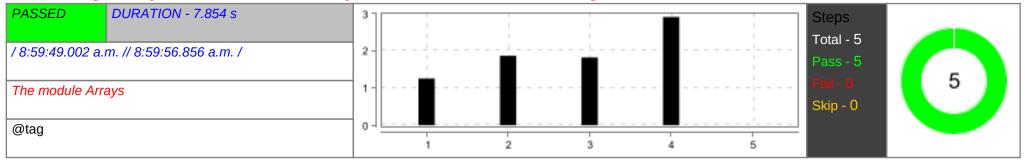
Trying the incorrect script

PASSED DURATION - 2.489 s	2 Steps
/ 8:59:46.502 a.m. // 8:59:48.991 a.m. /	1.5 - Total - 3
7 0.001 70.002 d.m. // 0.001 70.001 d.m. /	1 - Pass - 3
The module Arrays	0.5 - Skip - 0
@tag @tag2	0 -1 2 3

#	Step / Hook Details		Duration
1	Given The user is on the Array page link after logged in.		0.000 s
2	When The user clicks Arrays in Python link button.	PASSED	1.448 s

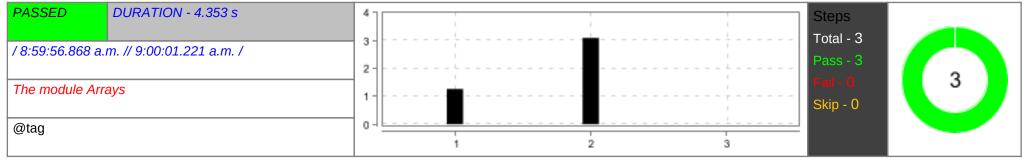
#	Step / Hook Details	Status	Duration
3	Then The user tries the incorrect script link.	PASSED	1.037 s

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	1.254 s
2	When user trys to enter the valid python code in Search tryEditor Box using "Python" and 9 from excel	PASSED	1.865 s
3	When user trys to enter the valid python code in Max tryEditor Box using "Python" and 10 from excel	PASSED	1.822 s
4	When user trys to enter the valid python code in the tryEditor Box using "Python" and 1 from excel	PASSED	2.909 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

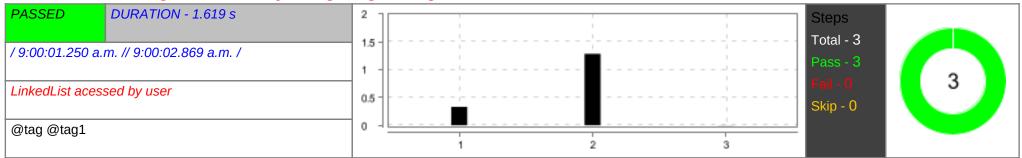


#	Step / Hook Details	Status	Duration
1	Given user redirected back to the Practice Questions page	PASSED	1.264 s
2	When user trys to enter the valid python code in the tryEditor Box using "Python" and 2 from excel sheet	PASSED	3.088 s
3	Then user validates the input message printed in console	PASSED	0.000 s

LinkedList acessed by user

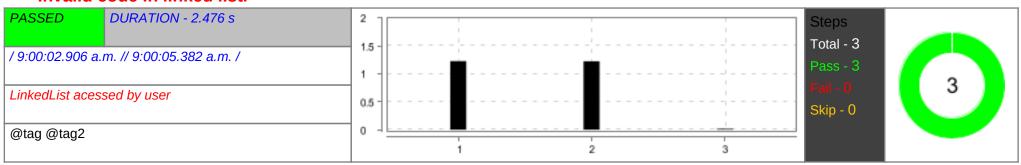
PASSED	DURATION - 6.616 s	Scenarios		Steps	
		Total - 3		Total - 9	
/ 9:00:01.250 a.m.	// 9:00:07.866 a.m. /	Pass - 3	3	Pass - 9	9
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

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	0.332 s
2	When User clicks introduction button	PASSED	1.283 s
3	Then User is directed to the Intorduction Page of Linked List	PASSED	0.003 s

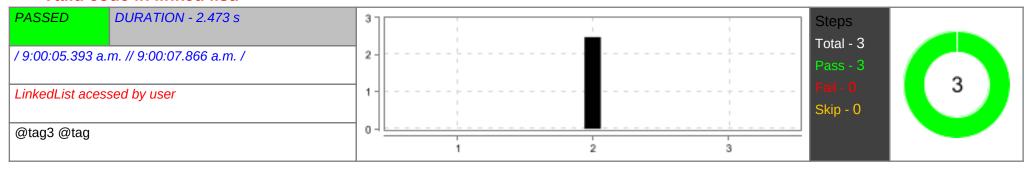
Invalid code in linked list.



DETAILED SECTION -- 17 --

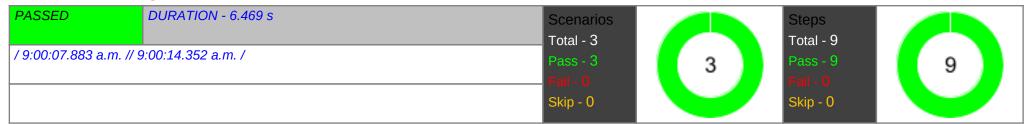
#	Step / Hook Details	Status	Duration
1	Given User is on Introduction Page	PASSED	1.228 s
2	When User clicks Try Here and writes in-valid code in python	PASSED	1.227 s
3	Then User accept The pop - up block appears	PASSED	0.015 s

Valid code in linked list.



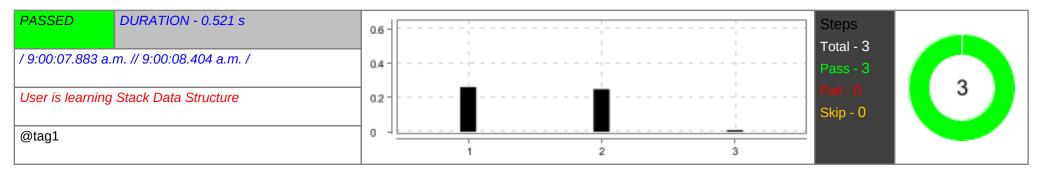
#	Step / Hook Details	Status	Duration
1	Given User Clears the code	PASSED	0.000 s
2	When User clicks on in Try Here and writes valid code in python	PASSED	2.471 s
3	Then User checks for console	PASSED	0.000 s

User is learning Stack Data Structure



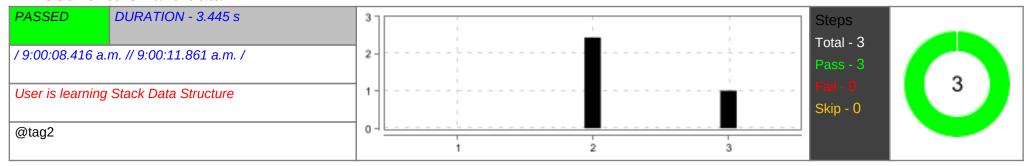
User wants to learn and explore Stack

DETAILED SECTION -- 18 --



#	Step / Hook Details	Status	Duration
1	Given User is logged in and selects Stack from Data Structures	PASSED	0.261 s
2	When User clicks on Operations in Stack	PASSED	0.249 s
3	Then User is on Operations in Stack page	PASSED	0.010 s

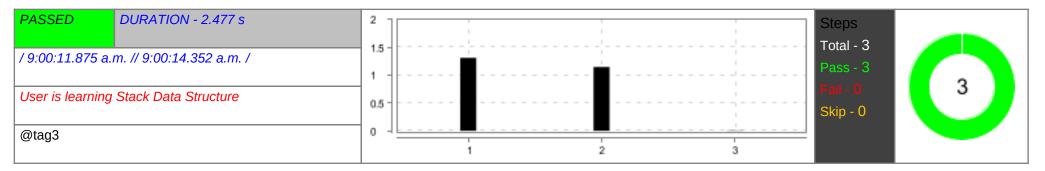
User enters valid data



#	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	2.437 s
3	Then User checks for stack console	PASSED	1.006 s

User enters invalid data

DETAILED SECTION -- 19 --

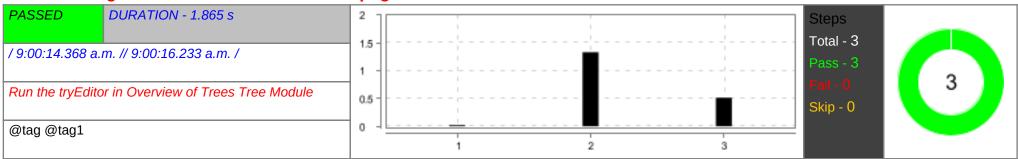


#	Step / Hook Details	Status	Duration
1	Given User is going back to Operations Page	PASSED	1.310 s
2	When User clicks on Try Here and writes in-valid code	PASSED	1.146 s
3	Then User accepts pop-up	PASSED	0.006 s

Run the tryEditor in Overview of Trees Tree Module

FAILED	DURATION - 11.091 s	Scenarios		Steps	
		Total - 3		Total - 10	
/ 9:00:14.368 a.	m. // 9:00:25.459 a.m. /	Pass - 2	3	Pass - 9	10
		Fail - 1		Fail - 1	
		Skip - 0		Skip - 0	

Choosing of Tree Module from the List page

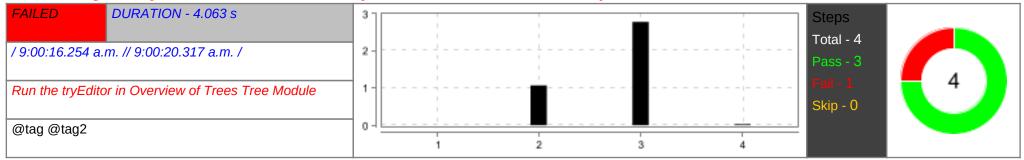


#	Step / Hook Details	Status	Duration
1	Given user navigates back to home page	PASSED	0.020 s
2	When user chooses the Tree Module from the lists in the home page	PASSED	1.330 s

DETAILED SECTION -- 20 --

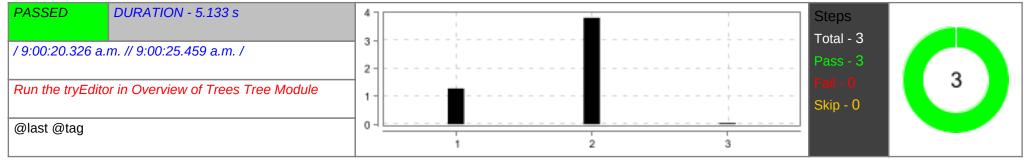
#	Step / Hook Details	Status	Duration
3	Then user lands on the Tree Module page	PASSED	0.512 s

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	0.000 s
2	When user scrolls down and chooses Overview of Trees link	PASSED	1.070 s
3	And user trys to enter the invalid python code in the tryEditor Box from "Python" and 3	PASSED	2.777 s
4	Then user checks for the error message	FAILED	0.028 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	0.185 s

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

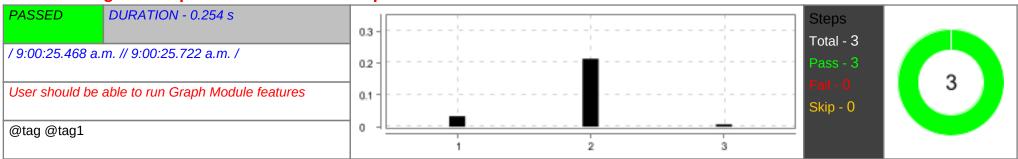


#	Step / Hook Details	Status	Duration
1	Given user redirected back to the Overview of Trees page	PASSED	1.280 s
2	When user trys to enter the valid python code in the tryEditor Box from "Python" and 4	PASSED	3.814 s
3	Then user validates the input message in the console	PASSED	0.039 s

User should be able to run Graph Module features

FAILED DURATION - 8.796 s	Scenarios		Steps	
	Total - 3		Total - 11	
/ 9:00:25.468 a.m. // 9:00:34.264 a.m. /	Pass - 2	3	Pass - 10	11
	Fail - 1.		Fail - 1	
	Skip - 0		Skip - 0	

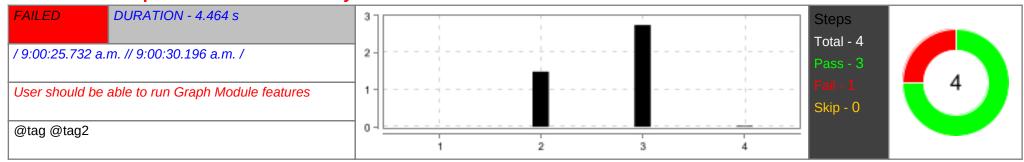
Selecting the Graph Module from the dropdown list



DETAILED SECTION -- 22 --

#	Step / Hook Details	Status	Duration
1	Given user is on home page	PASSED	0.033 s
2	When user selecting the Graph Module from the dropdown list	PASSED	0.213 s
3	Then user will goto the Graph Module page	PASSED	0.007 s

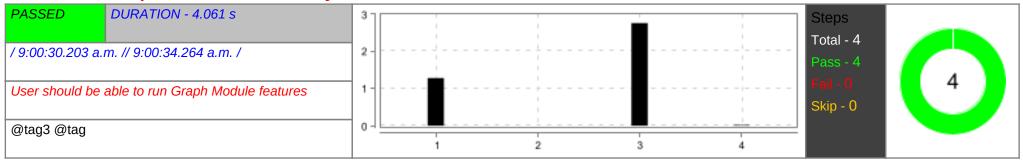
Test the Graph Module with invalid syntax in editor box



#	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	2.744 s
4	Then user should have error message	FAILED	0.024 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	0.202 s
	Test_the_Graph_Module_with_invalid_syntax_in_editor_box		

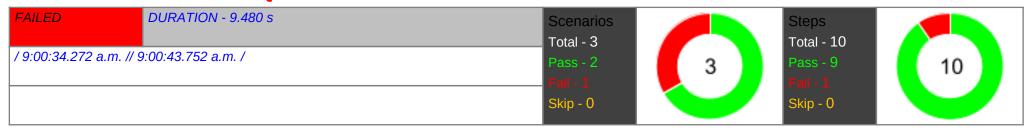
#	Step / Hook Details	Status	Duration
	National Region		

Test the Graph Module with valid syntax in editor box



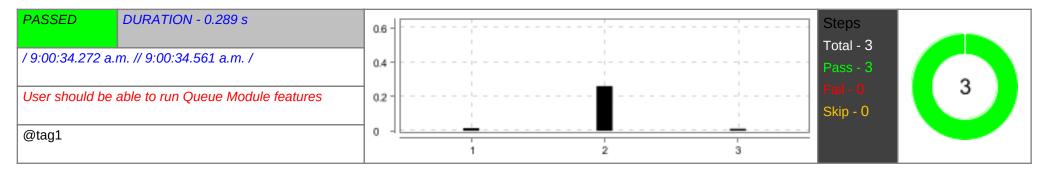
#	Step / Hook Details	Status	Duration
1	Given user go back to the Graph Module page	PASSED	1.280 s
2	When user scroll down to select option from Graph list	PASSED	0.001 s
3	And user enters the valid python code in "Python" and 6 grapheditor box	PASSED	2.758 s
4	Then user should get successful message	PASSED	0.018 s

User should be able to run Queue Module features



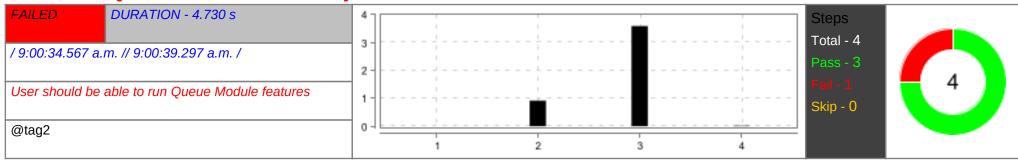
Selecting the Queue Module from the dropdown list

DETAILED SECTION -- 24 --



#	Step / Hook Details	Status	Duration
1	Given user is on the home page	PASSED	0.015 s
2	When user select the Queue Module from the dropdown list	PASSED	0.261 s
3	Then user goto the Queue Module page	PASSED	0.011 s

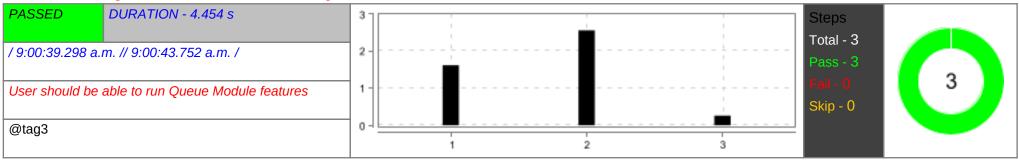
Test the Queue Module with invalid syntax in editor box



#	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	0.914 s
3	And user enters the invalid python code in "Python" and 7 the editor box	PASSED	3.587 s
4	Then user should get a error message	FAILED	0.018 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) Test_the_Queue_Module_with_invalid_syntax_in_editor_box	PASSED	0.208 s

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	1.620 s
2	When user enters the valid python code in "Python" and 8 editor box	PASSED	2.561 s
3	Then user should get success message	PASSED	0.260 s