

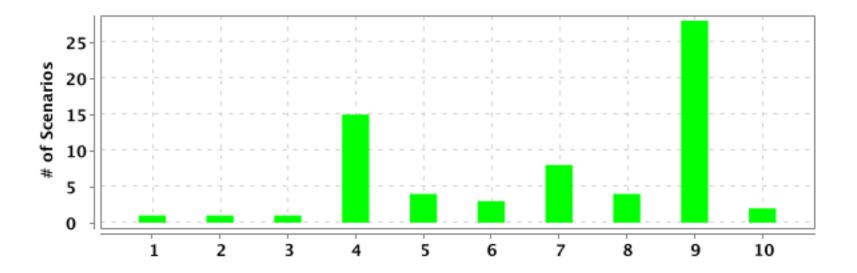
Feature			Scei	nario			St	ер	
Name	Duration	T	P	F	S	T	P	F	S
Home Page	8.331 s	1	1	0	0	11	11	0	0
Registration page	2.435 s	1	1	0	0	4	4	0	0
Login Feature	2.925 s	1	1	0	0	3	3	0	0
feature to test navigation for Array	11.064 s	15	15	0	0	45	45	0	0
Data Structure Introduction Page	5.009 s	4	4	0	0	16	16	0	0
Linked List	5.994 s	3	3	0	0	18	18	0	0
Stack Page	9.462 s	8	8	0	0	34	34	0	0
Testing Queue Module	5.522 s	4	4	0	0	16	16	0	0
Testing tree module	17.124 s	28	28	0	0	123	123	0	0
To test Graph Module	4.043 s	2	2	0	0	8	8	0	0

TAG		Scei	nario			Fea	ture	
Name	Т	P	F	S	T	P	F	S
@DS_1	1	1	0	0	1	1	0	0
@DS_2	1	1	0	0	1	1	0	0
@DS_3	1	1	0	0	1	1	0	0
@DS_4	1	1	0	0	1	1	0	0
@LL_1	1	1	0	0	1	1	0	0
@LL_2	1	1	0	0	1	1	0	0
@LL_3	1	1	0	0	1	1	0	0
@SS_1	1	1	0	0	1	1	0	0
@SS_2	1	1	0	0	1	1	0	0
@SS_3	1	1	0	0	1	1	0	0
@SS_4	1	1	0	0	1	1	0	0
@SS_5	1	1	0	0	1	1	0	0
@SS_6	2	2	0	0	1	1	0	0
@SS_7	1	1	0	0	1	1	0	0
@Q_1	1	1	0	0	1	1	0	0
@Q_2	1	1	0	0	1	1	0	0
@Q_3	1	1	0	0	1	1	0	0

TAG		Scei	nario			Fea	ture	
Name	Т	P	F	S	T	P	F	S
@Q_4	1	1	0	0	1	1	0	0
@TS_1	1	1	0	0	1	1	0	0
@TS_2	1	1	0	0	1	1	0	0
@TS_3	1	1	0	0	1	1	0	0
@TS_4	1	1	0	0	1	1	0	0
@TS_5	1	1	0	0	1	1	0	0
@TS_6	1	1	0	0	1	1	0	0
@TS_7	1	1	0	0	1	1	0	0
@TS_8	1	1	0	0	1	1	0	0
@TS_9	1	1	0	0	1	1	0	0
@TS_10	1	1	0	0	1	1	0	0
@TS_11	1	1	0	0	1	1	0	0
@TS_12	1	1	0	0	1	1	0	0
@TS_13	1	1	0	0	1	1	0	0
@TS_14	1	1	0	0	1	1	0	0
@TS_15	1	1	0	0	1	1	0	0
@TS_16	1	1	0	0	1	1	0	0

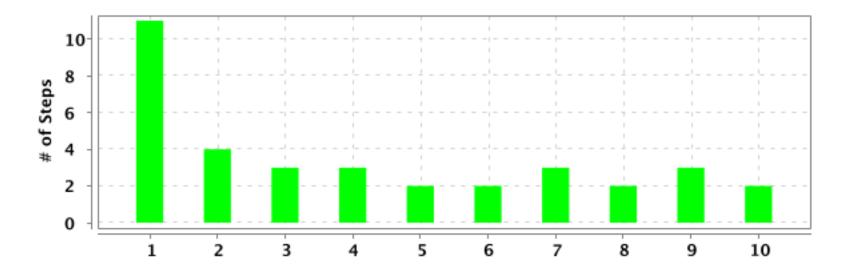
TAG		Scei	nario			Fea	ture	
Name	Т	P	F	S	T	P	F	S
@TS_17	1	1	0	0	1	1	0	0
@TS_18	1	1	0	0	1	1	0	0
@TS_19	1	1	0	0	1	1	0	0
@TS_20	1	1	0	0	1	1	0	0
@TS_21	1	1	0	0	1	1	0	0
@TS_22	1	1	0	0	1	1	0	0
@TS_23	1	1	0	0	1	1	0	0
@TS_24	1	1	0	0	1	1	0	0
@TS_25	1	1	0	0	1	1	0	0
@TS_26	1	1	0	0	1	1	0	0
@TS_27	1	1	0	0	1	1	0	0
@TS_28	1	1	0	0	1	1	0	0
@G_1	1	1	0	0	1	1	0	0
@G_2	1	1	0	0	1	1	0	0

FEATURES SUMMARY -- 6 --



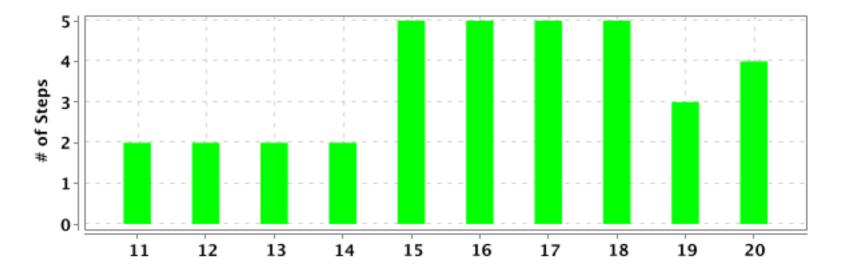
#	Feature Name	T	P	F	S	Duration
1	Home Page	1	1	0	0	8.331 s
2	Registration page	1	1	0	0	2.435 s
3	<u>Login Feature</u>	1	1	0	0	2.925 s
4	feature to test navigation for Array	15	15	0	0	11.064 s
5	Data Structure Introduction Page	4	4	0	0	5.009 s
6	<u>Linked List</u>	3	3	0	0	5.994 s
7	Stack Page	8	8	0	0	9.462 s
8	Testing Queue Module	4	4	0	0	5.522 s
9	Testing tree module	28	28	0	0	17.124 s
10	To test Graph Module	2	2	0	0	4.043 s

SCENARIOS SUMMARY -- 7 -



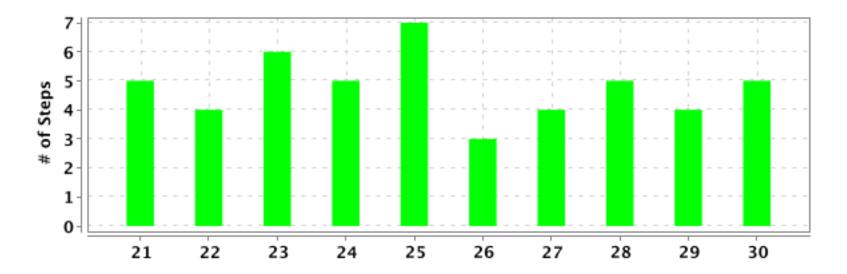
#	Feature Name	Scenario Name	T	P	F	S	Duration
1	Home Page	The user should redirected to Register page	11	11	0	0	8.329 s
2	Registration page	User should be able to register	4	4	0	0	2.435 s
3	Login Feature	User should able to Signin	3	3	0	0	2.924 s
4	feature to test navigation for Array	validate login	3	3	0	0	4.312 s
5		Validate getting started is working	2	2	0	0	0.186 s
6		Validate arrays in python page is working	2	2	0	0	0.427 s
7		Validate "tryEditor with a Run button to test" is working	3	3	0	0	0.620 s
8		Validate "Arrays using List" is working	2	2	0	0	0.002 s
9		Validate "Arrays using List try Editor" is working	3	3	0	0	0.003 s
10		Validate "Basic Operations in List" page is working	2	2	0	0	0.002 s

SCENARIOS SUMMARY -- 8 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
11	feature to test navigation for Array	Validate "Basic Operations in List Try Here" is working	2	2	0	0	0.005 s
12		Validate "Applications of Array" page is working	2	2	0	0	0.002 s
13		Validate "tryEditor in Applications of Arrays page" is working	2	2	0	0	0.002 s
14		Validating "Practice Questions" page in Array.	2	2	0	0	0.123 s
15		Validating prcatice question 1	5	5	0	0	4.813 s
16		Validating prcatice question 2	5	5	0	0	0.123 s
17		Validating prcatice question 3	5	5	0	0	0.004 s
18		Validating prcatice question 4	5	5	0	0	0.155 s
19	Data Structure Introduction Page	User entered valid login details on Login Page and logged in	3	3	0	0	2.561 s
20		Moving to Validate "Time Complexity" page	4	4	0	0	1.055 s

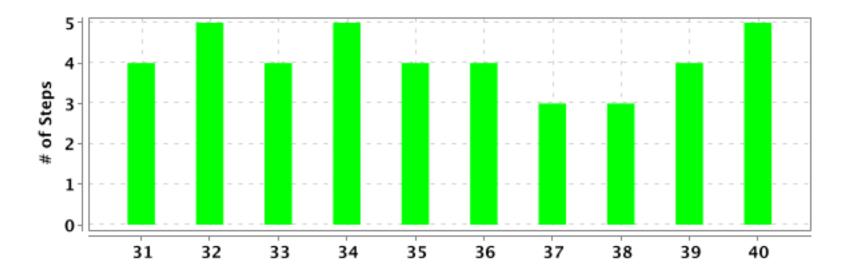
SCENARIOS SUMMARY -- 9 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
21	Data Structure Introduction Page	Validating "Time Complexity" textarea	5	5	0	0	0.319 s
22		Validating "Practice Question" page of datastructure	4	4	0	0	0.975 s
23	<u>Linked List</u>	User should be able to type in python code in text editor in Linked List module	6	6	0	0	3.795 s
24		User should be able to type in python code in text editor of Types of Linked list and Impliment Link list in python	5	5	0	0	0.996 s
25		User should be able to type in python code in text editor of Traversal,Insertion and Deletion	7	7	0	0	1.188 s
26	Stack Page	User entered valid login details on Login Page and logged in	3	3	0	0	2.646 s
27		Moving to Validate "Operations in Stack" page	4	4	0	0	5.494 s
28		Validating "Operations in Stack" textarea	5	5	0	0	0.055 s
29		Moving to Validate "Implimentation" page	4	4	0	0	0.334 s

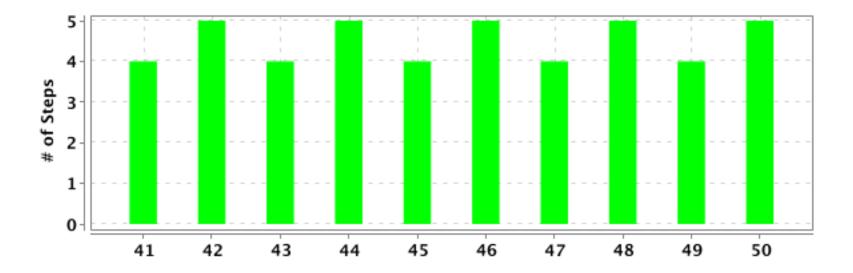
# Feature	Name	Scenario Name	T	P	F	S	Duration
30		Validating "Implimentation" textarea	5	5	0	0	0.100 s

SCENARIOS SUMMARY -- 11 --



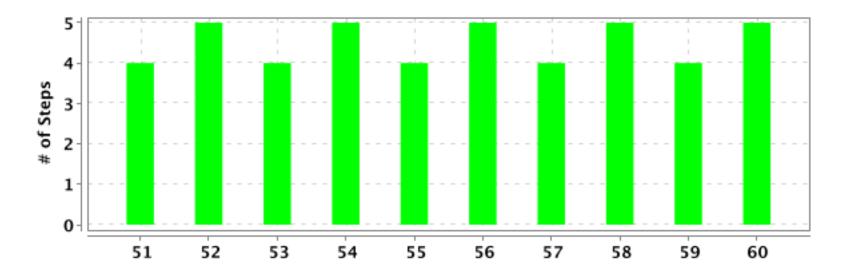
#	Feature Name	Scenario Name	T	P	F	S	Duration
31	Stack Page	Moving to Validate "Applications" page	4	4	0	0	0.344 s
32		Validating "Applications" textarea	5	5	0	0	0.090 s
33		Validating "Practice Questions" page	4	4	0	0	0.244 s
34	Testing Queue Module	To Validate Implimentation of Queue	5	5	0	0	3.701 s
35		To validate Implimentation using collections	4	4	0	0	0.537 s
36		To validate implimentation using array	4	4	0	0	0.543 s
37		To validate Queue operations	3	3	0	0	0.548 s
38	Testing tree module	Validating "Dropdown" for tree page	3	3	0	0	6.851 s
39		Validating "Overview of Trees" page	4	4	0	0	2.751 s
40		Validating "TryEditor" textarea in overview page	5	5	0	0	0.111 s

SCENARIOS SUMMARY -- 12 --



#	Feature Name	Scenario Name	T	P	F	S	Duration
41	Testing tree module	Moving to Validate "Terminologies" page	4	4	0	0	0.320 s
42		Validating "Terminologies" textarea	5	5	0	0	0.086 s
43		Moving to Validate "Types of Trees" page	4	4	0	0	0.398 s
44		Validating "Types of Tree" textarea	5	5	0	0	0.078 s
45		Moving to Validate "Tree Traversals" page	4	4	0	0	0.393 s
46		Validating "Tree Traversals" textarea in tree traverals page	5	5	0	0	0.080 s
47		Moving to Validate "Traversals-Illustration" page	4	4	0	0	0.432 s
48		Validating "Traversals-Illustration" textarea in traversal illustration page	5	5	0	0	0.093 s
49		Moving to Validate "Binary Trees" page	4	4	0	0	0.364 s
50		Validating "Binary Trees" textarea in binary tree page	5	5	0	0	0.080 s

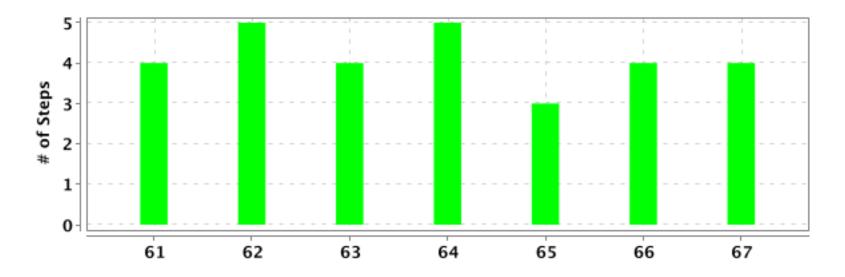
SCENARIOS SUMMARY



#	Feature Name	Scenario Name	T	P	F	S	Duration
51	Testing tree module	Moving to Validate "Types of Binary Trees" page	4	4	0	0	0.519 s
52		Validating "Types of Binary Trees" textarea in types of binary tree page	5	5	0	0	0.079 s
53		Moving to Validate "Implimentation in Python" page	4	4	0	0	0.352 s
54		Validating "Implimentation in Python" textarea in implimentation in python page	5	5	0	0	0.079 s
55		Moving to Validate "Binary Tree Traversals" page	4	4	0	0	0.354 s
56		Validating "Binary Tree Traversals" textarea in binary tree traversals page	5	5	0	0	0.077 s
57		Moving to Validate "Implementation of Binary Trees" page	4	4	0	0	0.393 s
58		Validating "Implementation of Binary Trees" textarea	5	5	0	0	0.080 s
59		Moving to Validate "Application of Binary Trees" page	4	4	0	0	0.363 s

#	# Feature Name	Scenario Name	T	P	F	S	Duration
6	so l	Validating "Application of Binary Trees" textarea	5	5	0	0	0.262 s

SCENARIOS SUMMARY -- 15 --



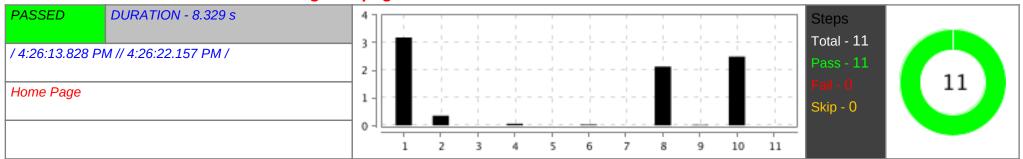
#	Feature Name	Scenario Name	T	P	F	S	Duration
61	Testing tree module	Moving to Validate "Binary Search Trees" page	4	4	0	0	0.933 s
62		Validating "Binary Search Trees" textarea	5	5	0	0	0.261 s
63		Moving to Validate "Implementation of BTS" page	4	4	0	0	0.455 s
64		Validating "Implementation of BTS" textarea	5	5	0	0	0.134 s
65		Validating "Practice Question" page	3	3	0	0	0.253 s
66	To test Graph Module	To validate Graph module	4	4	0	0	3.525 s
67		To validate Graph Representation	4	4	0	0	0.512 s

DETAILED SECTION -- 16 --

## **Home Page**

PASSED	DURATION - 8.331 s	Scenarios		Steps	
		Total - 1		Total - 11	
/ 4:26:13.826 PM	1 // 4:26:22.157 PM /	Pass - 1	1	Pass - 11	11
		Fail - 0	A	Fail - 0	
		Skip - 0		Skip - 0	

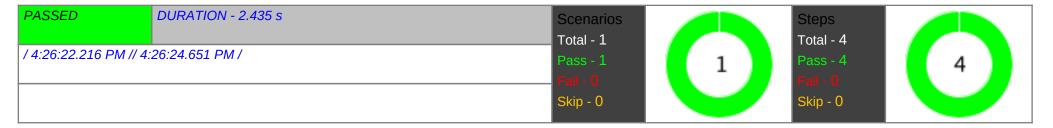
# The user should redirected to Register page



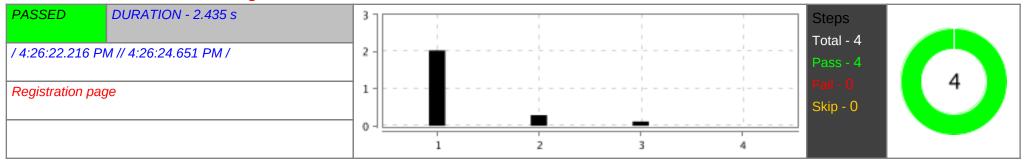
#	Step / Hook Details	Status	Duration
1	Given The user opens Home Page	PASSED	3.184 s
2	When User clicks Data Structure dropdown	PASSED	0.349 s
3	Then It should see six different data structure entried in dropdown	PASSED	0.000 s
4	When The user clicks any of the Get Started buttons below the data structures	PASSED	0.058 s
5	Then It should alert the user with a message "You are not logged in"	PASSED	0.001 s
6	When The user selects any data structures item from the drop down without Sign in	PASSED	0.032 s
7	Then It should alert the user with a message "You are not logged in"here	PASSED	0.000 s
8	When The user clicks Sign in	PASSED	2.128 s
9	Then The user should be redirected to Sign in page	PASSED	0.021 s
10	When The user clicks Register	PASSED	2.493 s
11	Then The user should be redirected to Register form	PASSED	0.001 s

# **Registration page**

DETAILED SECTION -- 17 --



### User should be able to register



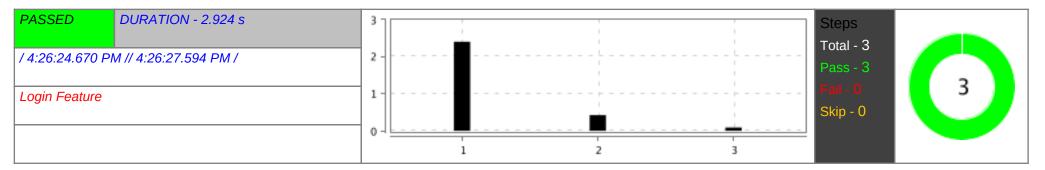
#	Step / Hook Details	Status	Duration
1	Given User is on Registration page	PASSED	2.031 s
2	When User enters "Username", "Password" and "ConfPassword"	PASSED	0.288 s
3	Then User click on Register button and then signin button	PASSED	0.113 s
4	Then User should be able to Register successfuly and navigate to login	PASSED	0.001 s

## **Login Feature**

PASSED	DURATION - 2.925 s	Scenarios		Steps	
		Total - 1		Total - 3	
/ 4:26:24.670 P	PM // 4:26:27.595 PM /	Pass - 1	1	Pass - 3	3
		Fail - 0	-	Fail - 0	
		Skip - 0		Skip - 0	

User should able to Signin

DETAILED SECTION -- 18 --

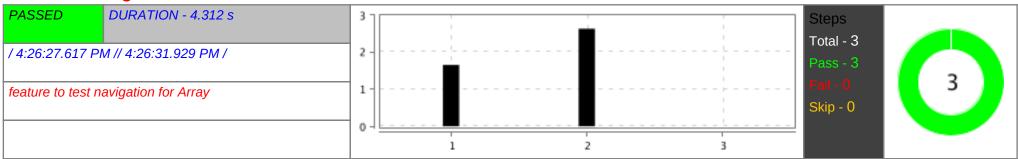


#	Step / Hook Details	Status	Duration
1	Given The user is in the Sign in page	PASSED	2.402 s
2	Then User enters Valid "username" and "password"	PASSED	0.421 s
3	Then User will able to navigate to homapage	PASSED	0.087 s

## feature to test navigation for Array

PASSED	DURATION - 11.064 s	Scenarios		Steps	
		Total - 15		Total - 45	
/ 4:26:27.617 PN	Л // 4:26:38.681 PM /	Pass - 15	15	Pass - 45	45
		Fail - 0	13	Fail - 0	
		Skip - 0		Skip - 0	
				Chip 0	

### validate login

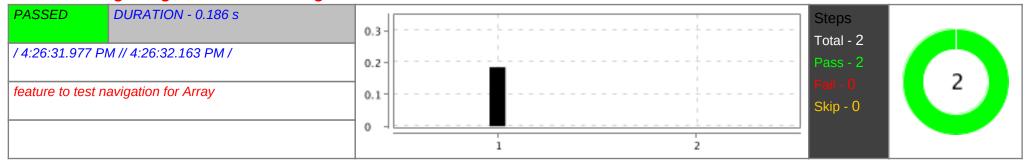


#	Step / Hook Details	Status	Duration
1	Given The user is in homepage	PASSED	1.652 s
2	When the user gives proper loginid, password	PASSED	2.632 s

DETAILED SECTION -- 19 --

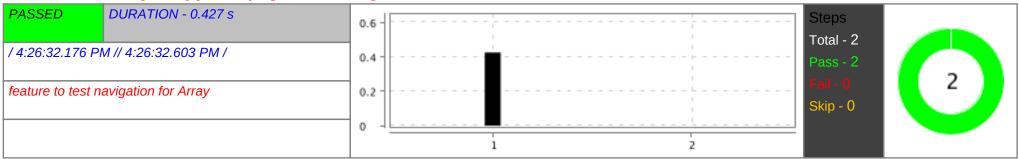
#	Step / Hook Details	Status	Duration
3	Then the user is logged in	PASSED	0.001 s

## Validate getting started is working



#	Step / Hook Details	Status	Duration
1	When user clicks on Get Started button	PASSED	0.185 s
2	Then user be directed to Array Data Structure page	PASSED	0.000 s

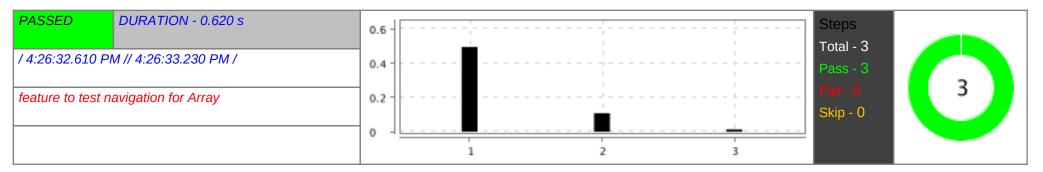
#### Validate arrays in python page is working



#	Step / Hook Details	Status	Duration
1	When The user clicks Arrays in Python button	PASSED	0.426 s
2	Then The user should be redirected to Arrays in Python page	PASSED	0.000 s

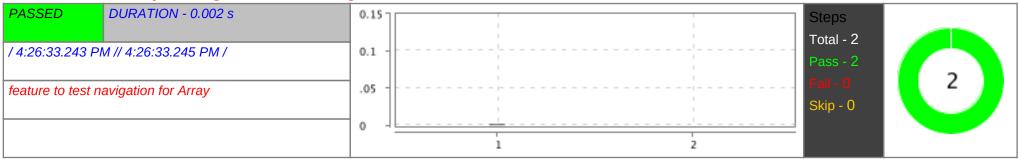
Validate "tryEditor with a Run button to test" is working

DETAILED SECTION -- 20 --



#	Step / Hook Details	Status	Duration
1	When The user is in the Arrays in Python page after logged in	PASSED	0.496 s
2	And The user clicks "Try Here" button in Arrays in Python page	PASSED	0.109 s
3	Then The user should be redirected to a page having an tryEditor with a Run button on arrays to test	PASSED	0.013 s

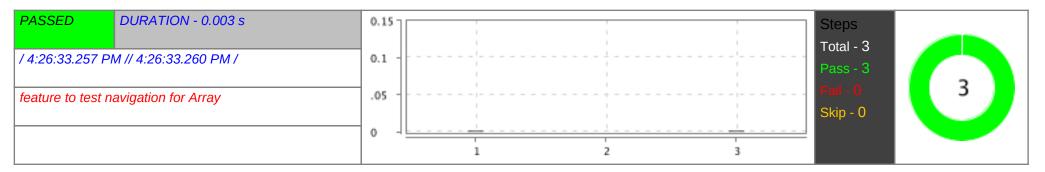
#### Validate "Arrays using List" is working



#	Step / Hook Details	Status	Duration
1	When The user clicks "Arrays using List" button	PASSED	0.001 s
2	Then The user should be redirected to "Arrays using List" page	PASSED	0.000 s

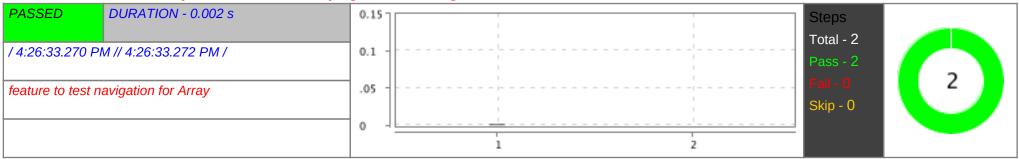
**Validate "Arrays using List try Editor" is working** 

DETAILED SECTION -- 21 --



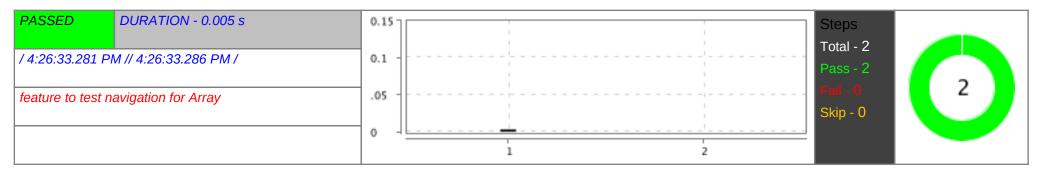
#	Step / Hook Details	Status	Duration
1	When The user is in the Arrays using List page after logged in	PASSED	0.001 s
2	And The user clicks "Try Here" button in Arrays using List page	PASSED	0.000 s
3	Then The user should be redirected to a arrays page having an tryEditor with a Run button to test	PASSED	0.001 s

### Validate "Basic Operations in List" page is working



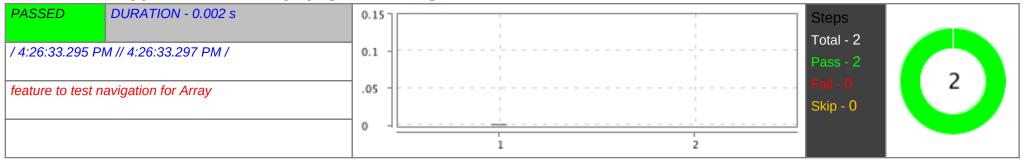
#	Step / Hook Details	Status	Duration
1	When The user clicks "Basic Operations in List" button	PASSED	0.001 s
2	Then The user should be redirected to "Basic Operations in List" page	PASSED	0.000 s

Validate "Basic Operations in List Try Here" is working



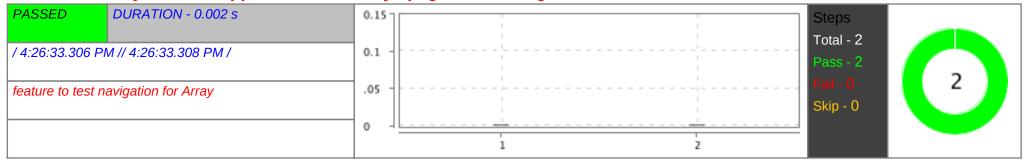
	#	Step / Hook Details	Status	Duration
	1	When The user clicks "Try Here" button in Arrays using List page	PASSED	0.003 s
:	2	Then The user should be redirected to a Basic operations page having an tryEditor with a Run button to test	PASSED	0.000 s

#### Validate "Applications of Array" page is working



#	Step / Hook Details	Status	Duration
1	When The user clicks "Applications of Array" button	PASSED	0.001 s
2	Then The user should be redirected to "Applications of Array" page	PASSED	0.000 s

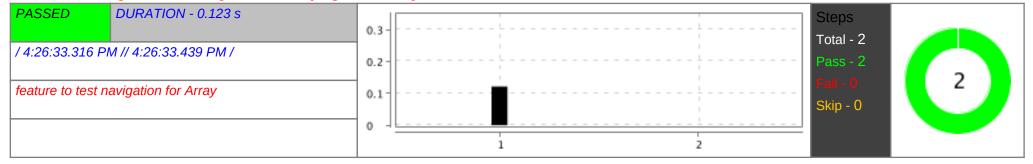
### Validate "tryEditor in Applications of Arrays page" is working



DETAILED SECTION -- 23 --

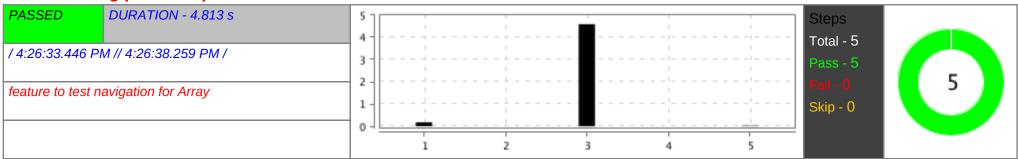
#	Step / Hook Details	Status	Duration
1	When The user clicks "Try Here" button in Applications of Arrays page	PASSED	0.001 s
2	Then The user should be redirected to a applications arrays page having an tryEditor with a Run button to test	PASSED	0.001 s

### Validating "Practice Questions" page in Array.



#	Step / Hook Details	Status	Duration
1	When User clicks on Practice questions link in aray page.	PASSED	0.121 s
2	Then user should see four different questions.	PASSED	0.000 s

### **Validating prcatice question 1**



#	Step / Hook Details	Status	Duration
1	When user click on Search the array link	PASSED	0.177 s
2	Then user should be in question 1 page	PASSED	0.000 s
3	And user send the solution code to textarea in Search the array	PASSED	4.587 s
4	Then user click on run and user should see output in Search the array	PASSED	0.000 s
5	Then user click submit user should see submition sucessful in Search the array	PASSED	0.022 s

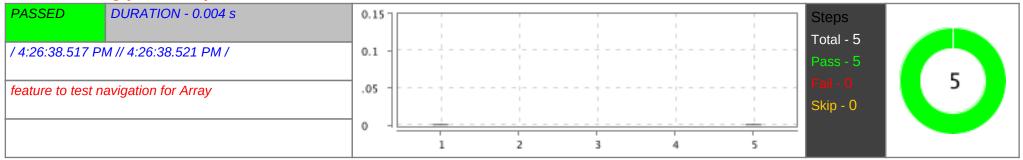
DETAILED SECTION -- 24 --

## **Validating prcatice question 2**

PASSED DURATION - 0.123 s	0.15 Steps	
/ 4:26:38.347 PM // 4:26:38.470 PM /	0.1 - Total - 5	
feature to test navigation for Array	.os Fail - O	5
	Skip - 0	
	1 2 3 4 5	

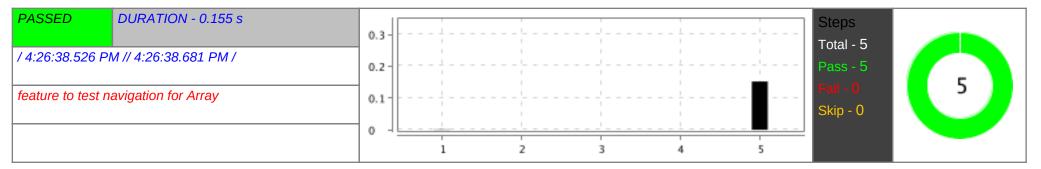
#	Step / Hook Details	Status	Duration
1	When user click on Max Consecutive ones	PASSED	0.002 s
2	Then user should be in question 2 page	PASSED	0.000 s
3	And user send the solution code to textarea in Max Consecutive ones	PASSED	0.001 s
4	Then user click on run and user should see output in Max Consecutive ones	PASSED	0.020 s
5	Then user click submit user should see submition sucessful in Max Consecutive ones	PASSED	0.001 s

### **Validating prcatice question 3**



#	Step / Hook Details	Status	Duration
1	When user click on Find Numbers with Even Number of Digits	PASSED	0.001 s
2	Then user should be in question 3 page	PASSED	0.000 s
3	And user send the solution code to textarea in Find Numbers with Even Number of Digits	PASSED	0.000 s
4	Then user click on run and user should see output in Find Numbers with Even Number of Digits	PASSED	0.000 s
5	Then user click submit user should see submition sucessful in Find Numbers with Even Number of Digits	PASSED	0.001 s

## Validating prcatice question 4

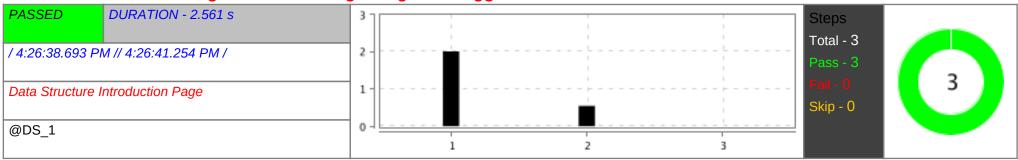


#	Step / Hook Details	Status	Duration
1	When user click on Squares of a sorted Array	PASSED	0.001 s
2	Then user should be in question 4 page	PASSED	0.000 s
3	And user send the solution code to textarea in Squares of a sorted Array	PASSED	0.000 s
4	Then user click on run and user should see output in Squares of a sorted Array	PASSED	0.000 s
5	Then user click submit user should see submition sucessful in Squares of a sorted Array	PASSED	0.152 s

### **Data Structure Introduction Page**

PASSED	DURATION - 5.009 s	Scenarios		Steps	
		Total - 4		Total - 16	
/ 4:26:38.693 PM //	4:26:43.702 PM /	Pass - 4	4	Pass - 16	16
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

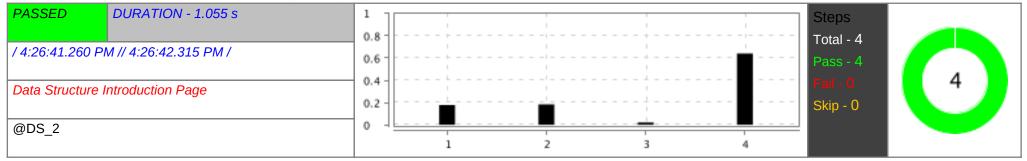
## User entered valid login details on Login Page and logged in



DETAILED SECTION -- 26 --

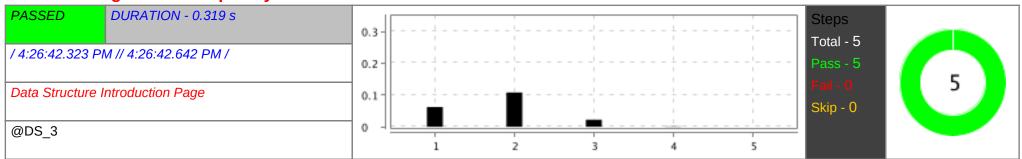
#	Step / Hook Details	Status	Duration
1	Given User is on sign in Page of DSAlgo Portal	PASSED	2.011 s
2	When User entered valid Username as "Selenium2023" and Password as "Texas@2023"	PASSED	0.545 s
3	Then User is logged in successfully and directed to Home page of DsAlgo Portal	PASSED	0.000 s

## Moving to Validate "Time Complexity" page



#	Step / Hook Details	Status	Duration
1	Given user is on Data Structure page after navigating form getstarted	PASSED	0.178 s
2	When user click on Time Complexity	PASSED	0.183 s
3	And user navigated to Time Complexity	PASSED	0.020 s
4	Then user click on Try Here button in Time Complexity page	PASSED	0.641 s

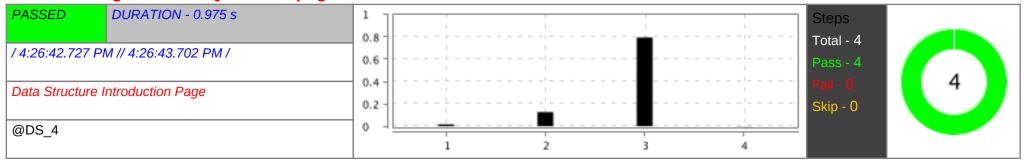
#### **Validating "Time Complexity" textarea**



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea in Time Complexity page	PASSED	0.062 s
2	When user send valid code and click run in Time Complexity page	PASSED	0.108 s
3	Then code should get execute and display out	PASSED	0.022 s

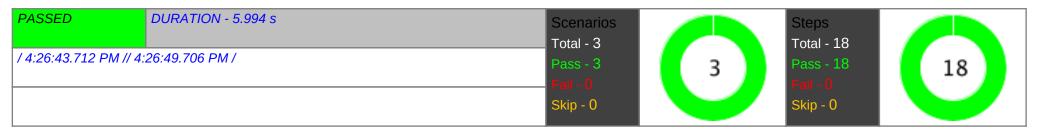
#	Step / Hook Details	Status	Duration
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.000 s

#### Validating "Practice Question" page of datastructure



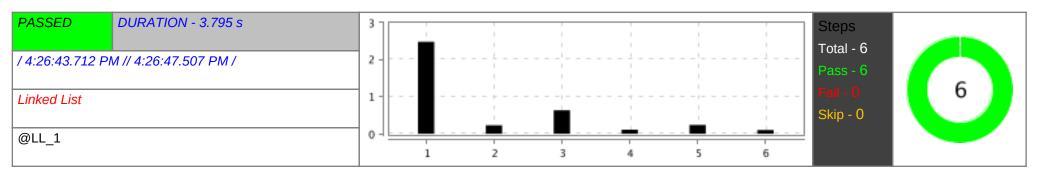
#	Step / Hook Details	Status	Duration
1	Given user is on Time Complexity after navigating backs from textarea	PASSED	0.016 s
2	When user click on practice questions page on datastructures page	PASSED	0.126 s
3	And user should navigate to practice questions page	PASSED	0.795 s
4	Then user movie back and quit browser	PASSED	0.001 s

#### **Linked List**



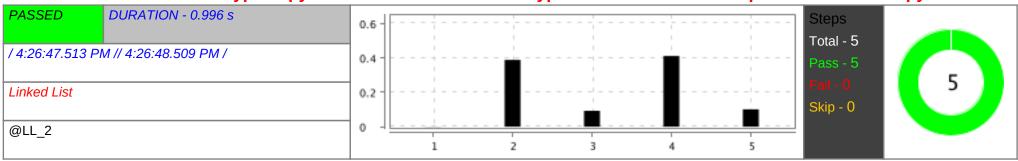
User should be able to type in python code in text editor in Linked List module

DETAILED SECTION -- 28 --



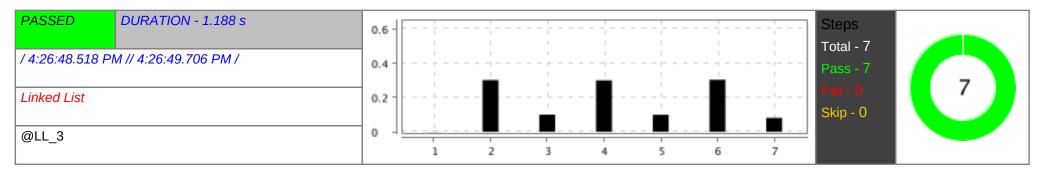
#	Step / Hook Details	Status	Duration
1	Given User is in Home Page	PASSED	2.480 s
2	When User clicks on Linked List button and enters in the Module	PASSED	0.228 s
3	Then User clicks Introduction from Topics covered and then user scrolls down and clicks on Try here button	PASSED	0.634 s
4	Then User will type in python code and hit run button	PASSED	0.112 s
5	Then user navigate to back and cliks on Creating Linked List then user scrolls down and clicks on Try here button	PASSED	0.239 s
6	Then User will type in python code,hit run button and user navigate to back	PASSED	0.100 s

## User should be able to type in python code in text editor of Types of Linked list and Impliment Link list in python



#	Step / Hook Details	Status	Duration
1	Given User is in the Linked List Module	PASSED	0.001 s
2	When User clicks on Types of Linked list button and then user scrolls down and clicks on Try here button	PASSED	0.389 s
3	Then User will type in python code and hit run button and user navigate to back	PASSED	0.092 s
4	Then user cliks on Impliment Link list in python and clicks on Try here button	PASSED	0.412 s
5	Then User will type in python code and hit run button and user navigate to back	PASSED	0.101 s

User should be able to type in python code in text editor of Traversal, Insertion and Deletion

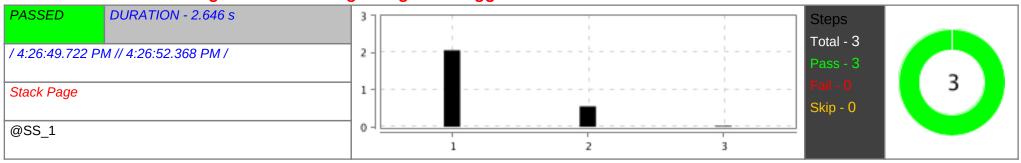


#	Step / Hook Details	Status	Duration
1	Given User is inside Linked List Module	PASSED	0.001 s
2	When User clicks on Traversal button and then user scrolls down and clicks on Try here button	PASSED	0.302 s
3	Then User will type in python code and hit run button then user navigate to back	PASSED	0.100 s
4	Then user cliks on Inserion button and user scrolls down then clicks on Try here button	PASSED	0.300 s
5	Then User will type in python code and hit run button and user navigate to back	PASSED	0.099 s
6	Then User clicks on Deletion button and then user scrolls down and clicks on Try here button	PASSED	0.304 s
7	Then User will type in python code and hit run button	PASSED	0.081 s

## **Stack Page**

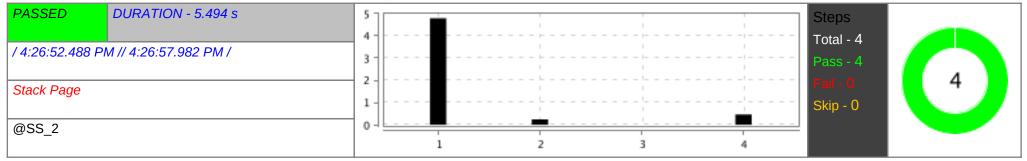
Scenarios		Steps	
Total - 8 Pass - 8	R	Total - 34 Pass - 34	34
Fail - 0	٠	Fail - 0	34
	Total - 8 Pass - 8	Total - 8 Pass - 8 Fail - 0	Total - 8 Pass - 8 Fail - 0  Total - 34 Pass - 34 Fail - 0

## User entered valid login details on Login Page and logged in



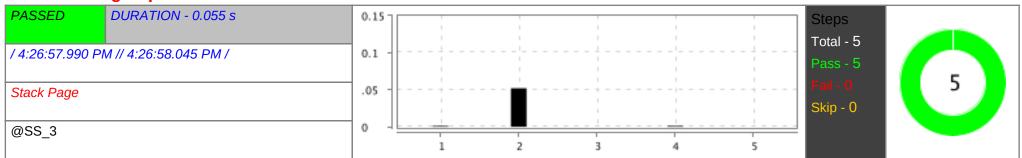
#	Step / Hook Details	Status	Duration
1	Given User is on sign in Page of DSAlgo Portal	PASSED	2.065 s
2	When User entered valid Username as "Selenium2023" and Password as "Texas@2023"	PASSED	0.548 s
3	Then User is logged in successfully and directed to Home page of DsAlgo Portal	PASSED	0.020 s

## Moving to Validate "Operations in Stack" page



#	Step / Hook Details	Status	Duration
1	Given user is on Stack page after navigating form getstarted	PASSED	4.786 s
2	When user click on Operations in Stack	PASSED	0.243 s
3	And user navigated to Operations in Stack	PASSED	0.000 s
4	Then user click on Try Here button in Operations in Stack page	PASSED	0.464 s

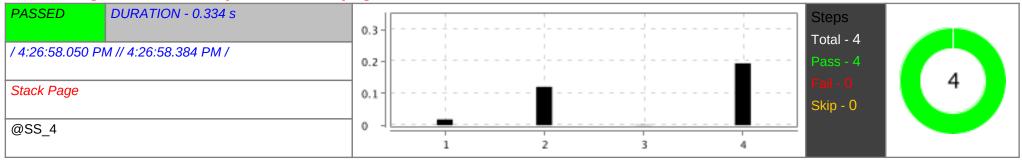
#### Validating "Operations in Stack" textarea



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea in Operations in Stack page	PASSED	0.001 s
2	When user send valid code and click run in Operations in Stack page	PASSED	0.052 s
3	Then code should get execute and display output	PASSED	0.000 s

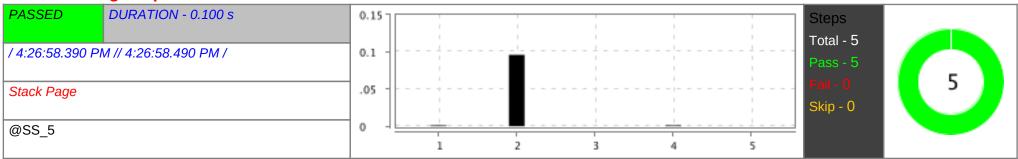
#	Step / Hook Details	Status	Duration
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.000 s

#### Moving to Validate "Implimentation" page



#	Step / Hook Details	Status	Duration
1	Given user is on Implimentation page after navigating form getstarted	PASSED	0.018 s
2	When user click on Implimentation link in Stack	PASSED	0.120 s
3	And user navigated to Implimentation in Stack	PASSED	0.001 s
4	Then user click on Try Here button in Implimentation page	PASSED	0.194 s

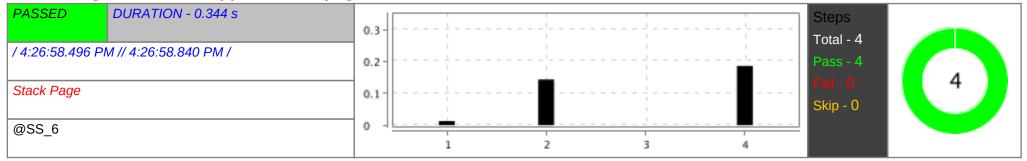
### Validating "Implimentation" textarea



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea in Operations in Implimentation page	PASSED	0.001 s
2	When user send valid code and click run in Implimentation page	PASSED	0.096 s
3	Then code should get execute and display output	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.001 s

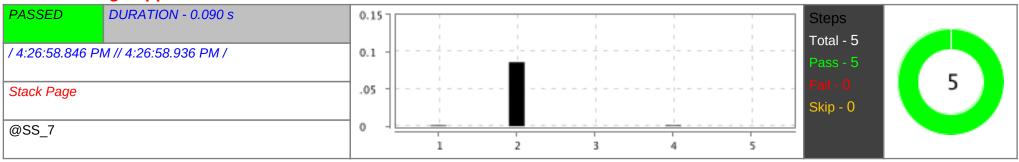
#	Step / Hook Details	Status	Duration
5	Then should display error through alert	PASSED	0.000 s

### **Moving to Validate "Applications" page**



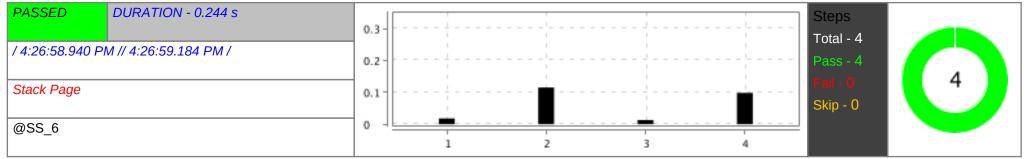
#	Step / Hook Details	Status	Duration
1	Given user is on Applications page after navigating form getstarted	PASSED	0.013 s
2	When user click on Applications link in Stack	PASSED	0.143 s
3	And user navigated to Applications in Stack	PASSED	0.000 s
4	Then user click on Try Here button in Applications page	PASSED	0.186 s

## Validating "Applications" textarea



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea in Applications page	PASSED	0.001 s
2	When user send valid code and click run in Applications page	PASSED	0.086 s
3	Then code should get execute and display output	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.000 s

## **Validating "Practice Questions" page**

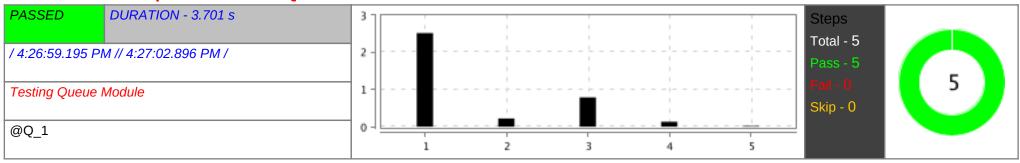


#	Step / Hook Details	Status	Duration
1	Given user is on Applications page after navigating backs from textarea	PASSED	0.018 s
2	When user click on practice questions page on stack page	PASSED	0.115 s
3	And user should navigate to practice questions page of stack	PASSED	0.013 s
4	Then user movie back and quit browser	PASSED	0.098 s

## **Testing Queue Module**

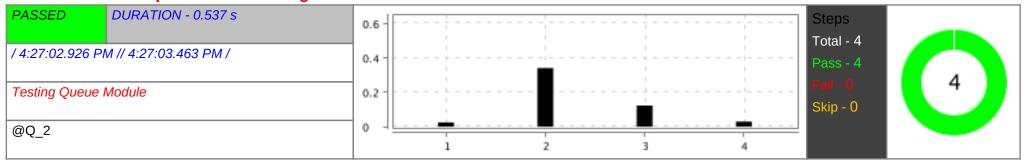
PASSED	DURATION - 5.522 s	Scenarios		Steps	
		Total - 4		Total - 16	
/ 4:26:59.195 PN	M // 4:27:04.717 PM /	Pass - 4	4	Pass - 16	16
		Fail - 0		Fail - 0	10
		Skip - 0		Skip - 0	

#### **To Validate Implimentation of Queue**



#	Step / Hook Details	Status	Duration
1	Given User is in the DsAlgo Home Page	PASSED	2.515 s
2	When User clicks on Get Started Queue button enters in Module	PASSED	0.220 s
3	Then User clicks on Implimentation and then TryHere button	PASSED	0.788 s
4	Then User type in python code and hit run button	PASSED	0.130 s
5	Then User navigates to back	PASSED	0.016 s

## To validate Implimentation using collections



#	Step / Hook Details	Status	Duration
1	Given User is in the queue page	PASSED	0.025 s
2	When User clicks on Implimentation using collections and then TryHere button	PASSED	0.341 s
3	Then User type in python code and after that hit run button	PASSED	0.123 s
4	Then User navigates to back	PASSED	0.030 s

### To validate implimentation using array

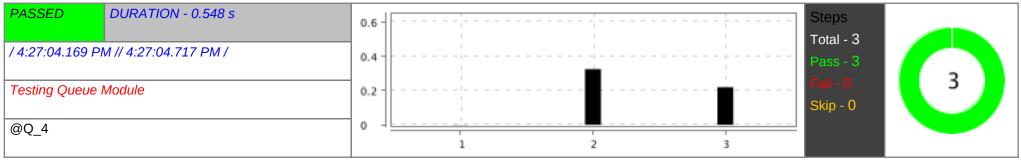
PASSED DURATION - 0.543 s	0.6 - Steps	
/ 4:27:03.598 PM // 4:27:04.141 PM /	0.4	
Testing Queue Module	0.2 - Fail - 0 Skip - 0	J
@Q_3		

#	Step / Hook Details	Status	Duration
1	Given User is inside queue module	PASSED	0.019 s

DETAILED SECTION -- 35 --

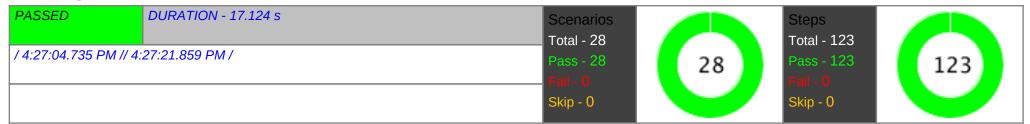
#	Step / Hook Details	Status	Duration
2	When User clisks on implimentation using array and then TryHerebutton	PASSED	0.353 s
3	Then User type in python code and then hit run button	PASSED	0.085 s
4	Then User navigates to the back	PASSED	0.036 s

### **To validate Queue operations**



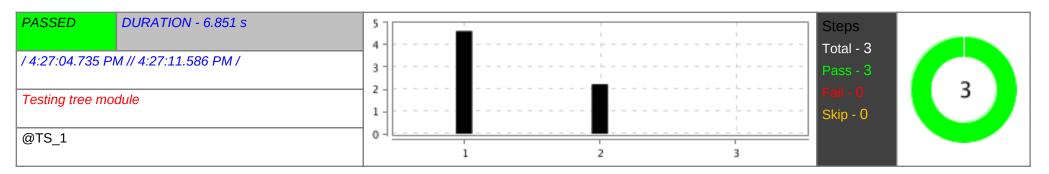
#	Step / Hook Details	Status	Duration
1	Given User is inside module	PASSED	0.001 s
2	When User clicks on Queue operations and TryHere	PASSED	0.325 s
3	Then User type in python code, then hit run button	PASSED	0.219 s

### **Testing tree module**



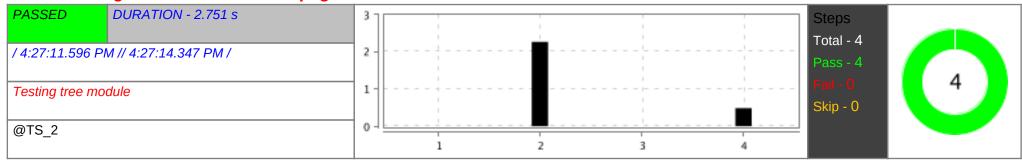
Validating "Dropdown" for tree page

DETAILED SECTION -- 36 --



#	Step / Hook Details	Status	Duration
1	Given user is in home page after login	PASSED	4.615 s
2	When user choose tree form dropdown menu	PASSED	2.227 s
3	Then user redirected to tree home page	PASSED	0.000 s

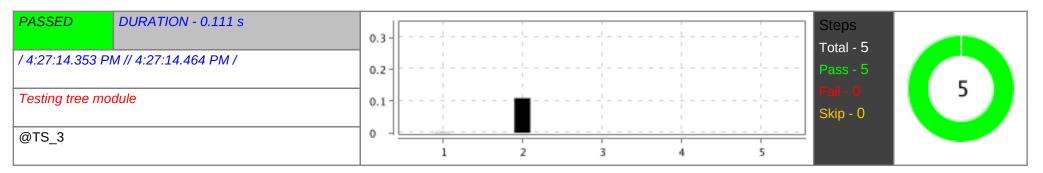
#### **Validating "Overview of Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is in tree page after selecting tree from dropdown	PASSED	0.000 s
2	When user click on the Overview of trees link	PASSED	2.266 s
3	And user redirected to the Overview page	PASSED	0.000 s
4	Then user click on Try Here button in overview page	PASSED	0.482 s

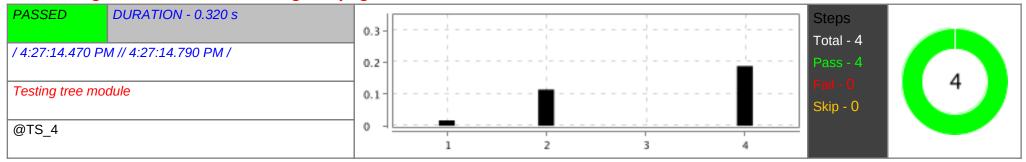
## Validating "TryEditor" textarea in overview page

DETAILED SECTION -- 37 --



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea of overview page	PASSED	0.001 s
2	When user send valid code and click run in overview page	PASSED	0.109 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert.	PASSED	0.000 s

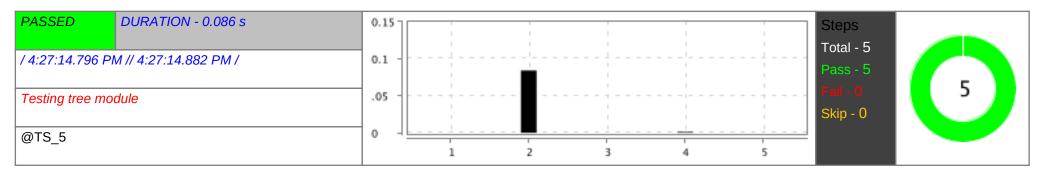
## **Moving to Validate "Terminologies" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Overview page after naviagting from overview texteditor	PASSED	0.017 s
2	When user click on Terminologies link	PASSED	0.114 s
3	And user navigated to "Termonologies" page	PASSED	0.000 s
4	Then user click on Try Here button in Terminologies page	PASSED	0.188 s

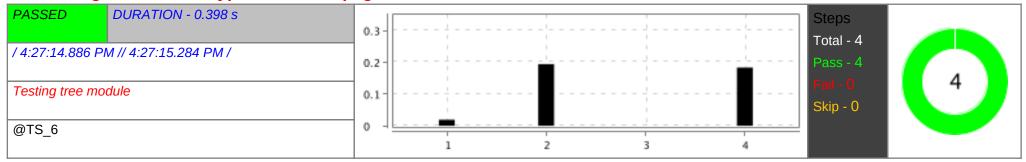
# Validating "Terminologies" textarea

DETAILED SECTION -- 38 -



#	Step / Hook Details	Status	Duration
1	Given user is in Terminologies TryEditor textarea	PASSED	0.000 s
2	When user send valid code and click run in terminologies page	PASSED	0.084 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.000 s

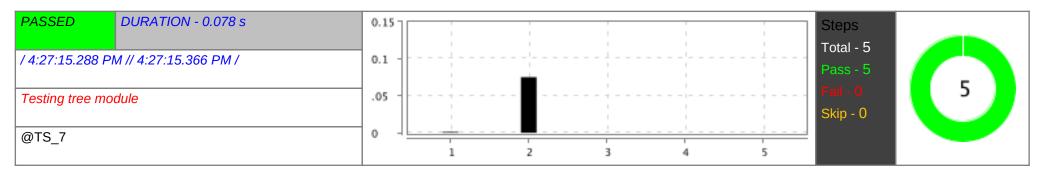
## **Moving to Validate "Types of Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on terminologies page after navigating from terminologies text area	PASSED	0.019 s
2	When user click on Types of Trees	PASSED	0.194 s
3	And user navigated to Types of trees page	PASSED	0.000 s
4	Then user click on Try Here button in Types of trees page	PASSED	0.183 s

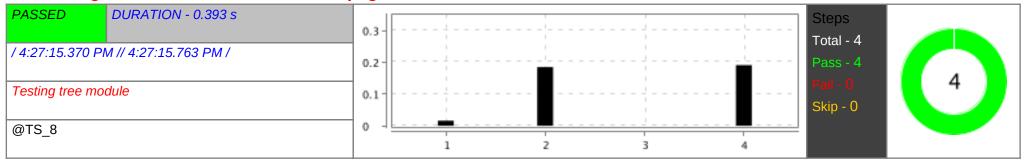
# Validating "Types of Tree" textarea

DETAILED SECTION -- 39 --



#	Step / Hook Details	Status	Duration
1	Given user is in Types of trees page TryEditor textarea	PASSED	0.001 s
2	When user send valid code and click run in types of tree page	PASSED	0.075 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

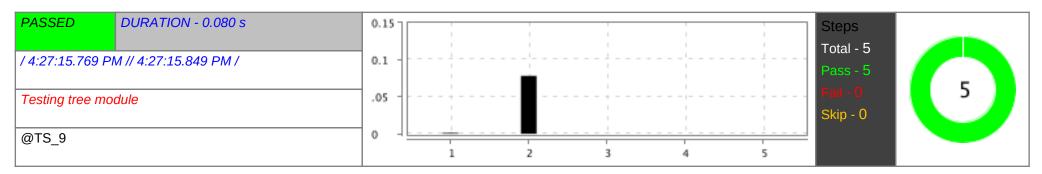
#### Moving to Validate "Tree Traversals" page



#	Step / Hook Details	Status	Duration
1	Given user is on Types of trees page after navigating form types of tree text area	PASSED	0.016 s
2	When user click on Tree Traverslas	PASSED	0.185 s
3	And user navigated to Tree Traversals page	PASSED	0.000 s
4	Then user click on Try Here button in tree traverals page	PASSED	0.191 s

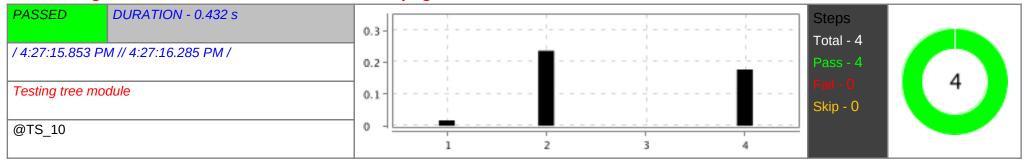
Validating "Tree Traversals" textarea in tree traverals page

DETAILED SECTION -- 40 --



#	Step / Hook Details	Status	Duration
1	Given user is in Tree traversals TryEditor textarea	PASSED	0.001 s
2	When user send valid code and click run in tree traversals page	PASSED	0.078 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

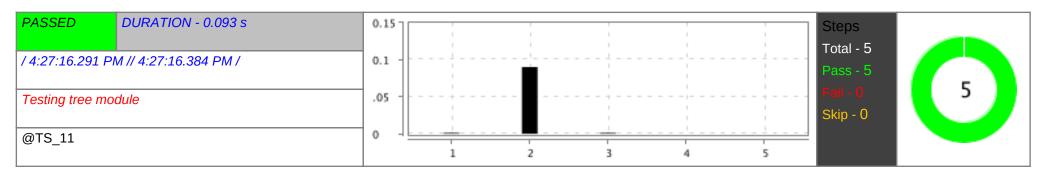
#### **Moving to Validate "Traversals-Illustration" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Tree Traversals page after navigating from tree traversals textarea	PASSED	0.017 s
2	When user click on Traverslas-Illustration	PASSED	0.236 s
3	And user navigated to Traversals-Illustration page	PASSED	0.000 s
4	Then user click on Try Here button in traversal illustration page	PASSED	0.177 s

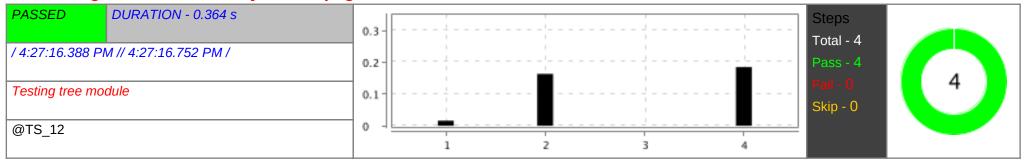
Validating "Traversals-Illustration" textarea in traversal illustration page

DETAILED SECTION -- 41 --



#	Step / Hook Details	Status	Duration
1	Given user is in Traversals Illustation TryEditor textarea	PASSED	0.001 s
2	When user send valid code and click run in traversals Illustration	PASSED	0.090 s
3	Then code should get execute and display out	PASSED	0.001 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

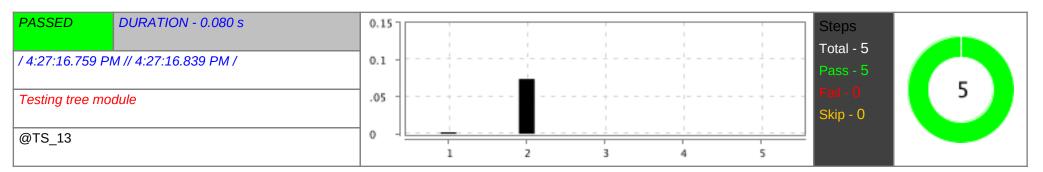
#### **Moving to Validate "Binary Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Traversals-Illustration page after navigating from textarea	PASSED	0.016 s
2	When user click on Binary Trees	PASSED	0.163 s
3	And user navigated to Binary Tress page	PASSED	0.000 s
4	Then user click on Try Here button in binary tree page	PASSED	0.185 s

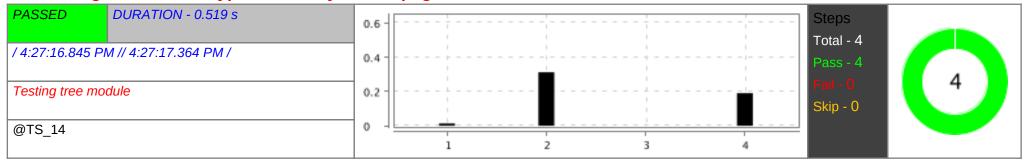
Validating "Binary Trees" textarea in binary tree page

DETAILED SECTION -- 42 --



#	Step / Hook Details	Status	Duration
1	Given user is in Binary Trees TryEditor textarea	PASSED	0.002 s
2	When user send valid code and click run in binary tree	PASSED	0.074 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

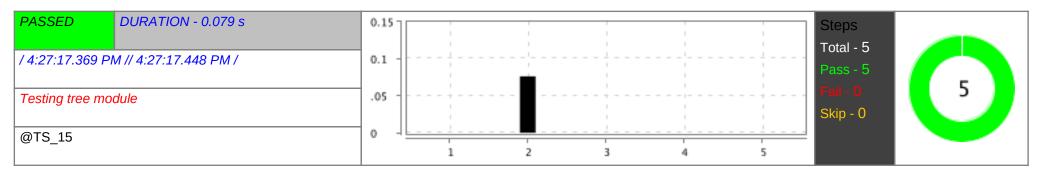
## **Moving to Validate "Types of Binary Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Binary Trees page after navigating from textarea	PASSED	0.013 s
2	When user click on Types of Binary Trees	PASSED	0.313 s
3	And user navigated to Types of Binary Tress page	PASSED	0.000 s
4	Then user click on Try Here button in types of binary tree page	PASSED	0.191 s

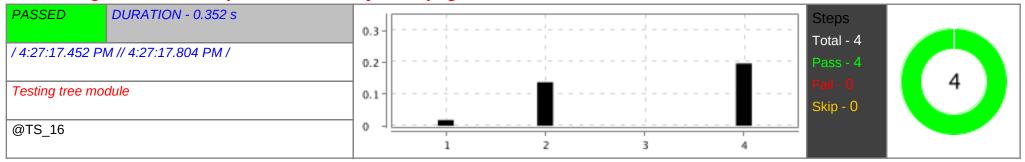
Validating "Types of Binary Trees" textarea in types of binary tree page

DETAILED SECTION -- 43 --



#	Step / Hook Details	Status	Duration
1	Given user is in Types of binary Trees TryEditor textarea	PASSED	0.000 s
2	When user send valid code and click run in types of binary tree	PASSED	0.076 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

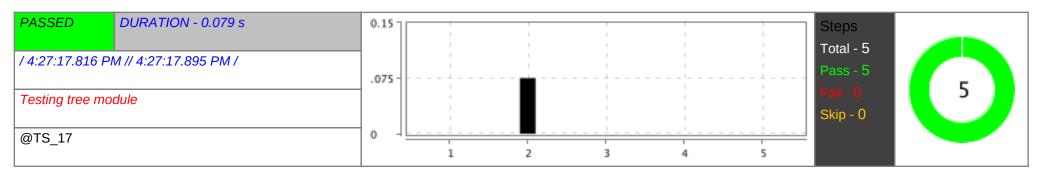
#### **Moving to Validate "Implimentation in Python" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Types of Binary Trees page after navigating from textarea	PASSED	0.018 s
2	When user click on Implimentation in Python	PASSED	0.137 s
3	And user navigated to Implimentation in Python page	PASSED	0.000 s
4	Then user click on Try Here button in implimentation in python page	PASSED	0.196 s

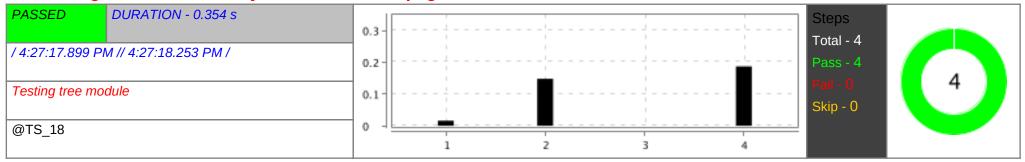
Validating "Implimentation in Python" textarea in implimentation in python page

DETAILED SECTION -- 44 --



#	Step / Hook Details	Status	Duration
1	Given user is in implimentaion in python TryEditor textarea	PASSED	0.000 s
2	When user send valid code and click run inimplimentation in python	PASSED	0.075 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

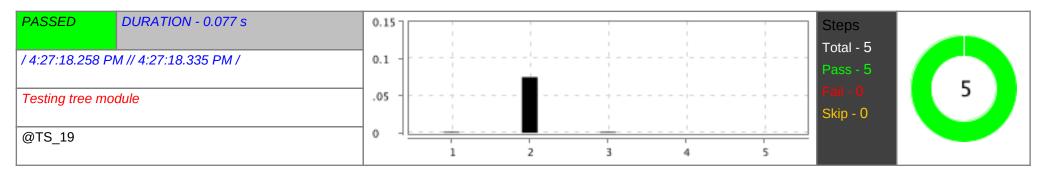
## **Moving to Validate "Binary Tree Traversals" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Implimentaion in Python page after navigating from textarea	PASSED	0.016 s
2	When user click on Binary Tree Traversals	PASSED	0.148 s
3	And user navigated to Binary Tree Traversals page	PASSED	0.000 s
4	Then user click on Try Here button in binary tree traversals page	PASSED	0.187 s

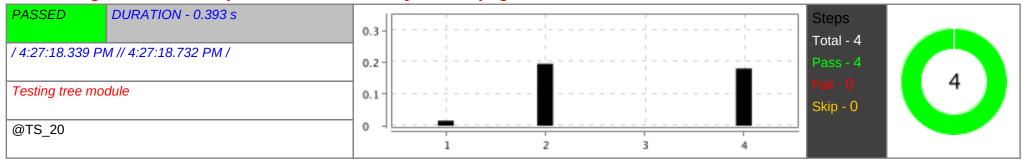
Validating "Binary Tree Traversals" textarea in binary tree traversals page

DETAILED SECTION -- 45 --



#	Step / Hook Details	Status	Duration
1	Given user is in binary tree traversals TryEditor textarea	PASSED	0.001 s
2	When user send valid code and click run in binary tree traversals	PASSED	0.075 s
3	Then code should get execute and display out	PASSED	0.001 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

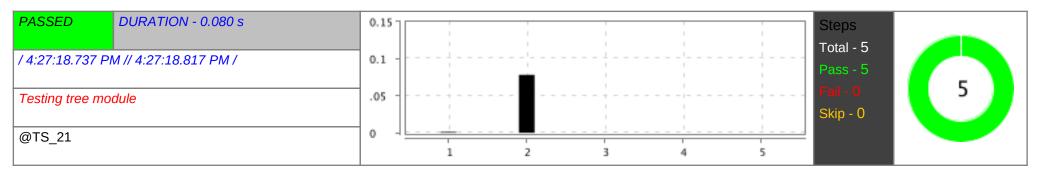
## **Moving to Validate "Implementation of Binary Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Binary Tree Traversals page after navigating from textarea	PASSED	0.016 s
2	When user click on Implemenation of Binary Trees	PASSED	0.195 s
3	And user navigated to Implementation of Binary Trees page	PASSED	0.000 s
4	Then user click on Try Here button in Implementation of Binary Trees page	PASSED	0.180 s

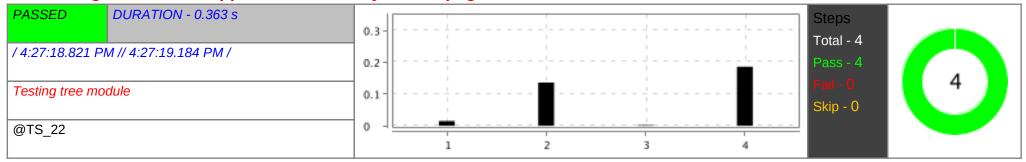
**Validating "Implementation of Binary Trees" textarea** 

DETAILED SECTION -- 46 --



#	Step / Hook Details	Status	Duration
1	Given user is in Implimentation of binary trees TryEditor textarea	PASSED	0.001 s
2	When user send valid code and click run in implementation of binary trees	PASSED	0.078 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.000 s
5	Then should display error through alert	PASSED	0.000 s

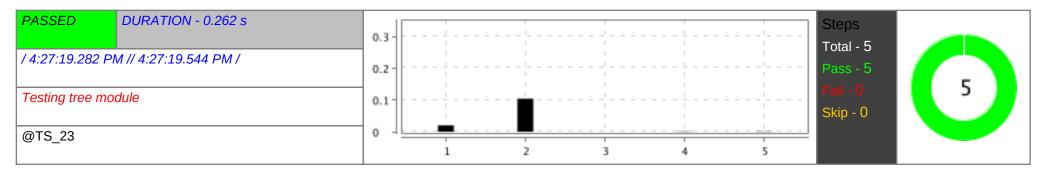
## **Moving to Validate "Application of Binary Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Implimenation of Binary Trees page after navigating form textarea	PASSED	0.015 s
2	When user click on Application of Binary Trees	PASSED	0.136 s
3	And user navigated to Application of Binary Trees page	PASSED	0.002 s
4	Then user click on Try Here button in Application of Binary Trees page	PASSED	0.186 s

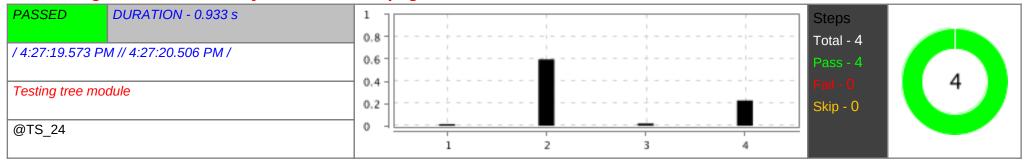
#### **Validating "Application of Binary Trees" textarea**

DETAILED SECTION -- 47 --



#	Step / Hook Details	Status	Duration
1	Given user is in Application of Binary Trees TryEditor textarea	PASSED	0.020 s
2	When user send valid code and click run in application of binary trees	PASSED	0.104 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.001 s

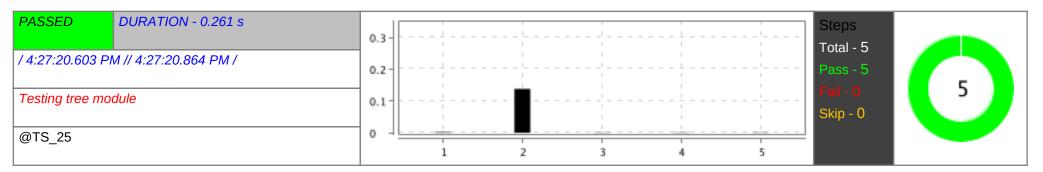
## **Moving to Validate "Binary Search Trees" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Application of Binary Trees page after navigating from textarea	PASSED	0.014 s
2	When user click on Binary Search Trees	PASSED	0.597 s
3	And user navigated to "Binary Search Trees" page	PASSED	0.021 s
4	Then user click on Try Here button in Binary Search Trees	PASSED	0.227 s

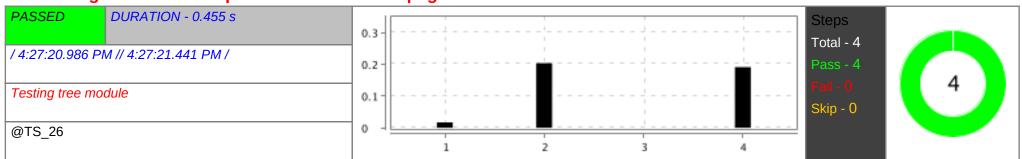
#### **Validating "Binary Search Trees" textarea**

DETAILED SECTION -- 48 --



#	Step / Hook Details	Status	Duration
1	Given user is in Binary Search Trees TryEditor textarea	PASSED	0.002 s
2	When user send valid code and click run in binary search trees page	PASSED	0.138 s
3	Then code should get execute and display out	PASSED	0.001 s
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.001 s

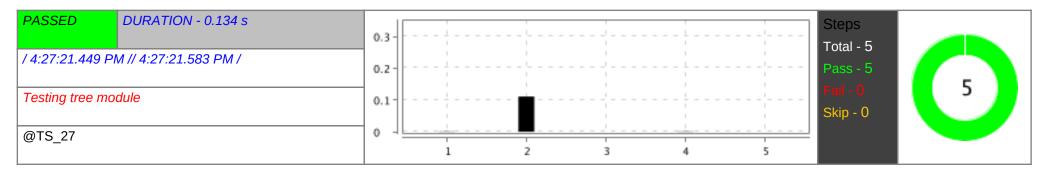
## **Moving to Validate "Implementation of BTS" page**



#	Step / Hook Details	Status	Duration
1	Given user is on Binary Search Trees page after navigating form textarea	PASSED	0.017 s
2	When user click on Implementation of BTS	PASSED	0.203 s
3	And user navigated to Implementation of BTS page	PASSED	0.000 s
4	Then user click on Try Here button in Implementation of BTS page	PASSED	0.191 s

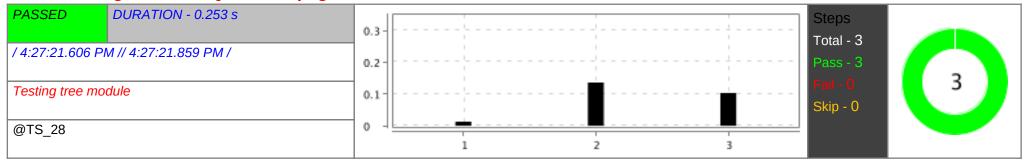
#### Validating "Implementation of BTS" textarea

DETAILED SECTION -- 49 --



#	Step / Hook Details	Status	Duration
1	Given user is in TryEditor textarea in BTS page	PASSED	0.001 s
2	When user send valid code and click run in BTS page	PASSED	0.111 s
3	Then code should get execute and display out	PASSED	0.000 s
4	When user send invalid code and click run	PASSED	0.001 s
5	Then should display error through alert	PASSED	0.000 s

#### **Validating "Practice Question" page**



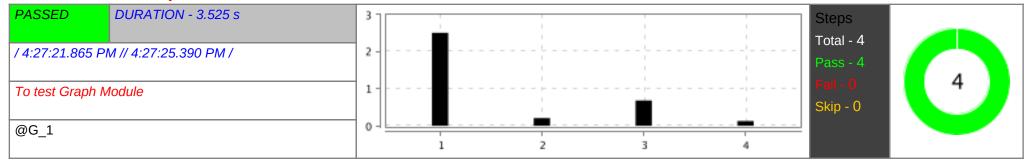
#	Step / Hook Details	Status	Duration
1	Given user is on Implementation of BTS after navigating backs from textarea	PASSED	0.013 s
2	When user click on practice questions page	PASSED	0.136 s
3	Then user should navigate to practice questions page	PASSED	0.103 s

# **To test Graph Module**

DETAILED SECTION -- 50 --

PASSED DO	JRATION - 4.043 s	Scenarios		Steps	
		Total - 2		Total - 8	
/ 4:27:21.865 PM // 4:27:	25.908 PM /	Pass - 2	2	Pass - 8	R R
		Fail - 0		Fail - 0	ı V
		Skip - 0		Skip - 0	

# **To validate Graph module**



#	Step / Hook Details	Status	Duration
1	Given User is on Home Page	PASSED	2.508 s
2	When User clicks on dropdown and then select graph	PASSED	0.205 s
3	Then User clicks on Graph from Topics covered and TryHere button	PASSED	0.681 s
4	Then User send the python code, hit run button and revert back	PASSED	0.127 s

# **To validate Graph Representation**

Steps
Total - 4
0.2
0.1-   Fail-0 4
Skip - 0
1 2 3 4

#	Step / Hook Details	Status	Duration
1	Given User is in Graph module	PASSED	0.001 s

DETAILED SECTION -- 51 --

#	Step / Hook Details	Status	Duration
2	When User clicks graph representation button	PASSED	0.159 s
3	Then User click on TryHere button	PASSED	0.176 s
4	Then User send the python code, hit run button	PASSED	0.176 s