

| Feature | | | Scei | nario | | Step | | | | |
|---------------------|--------------|----|------|-------|---|------|-----|---|---|--|
| Name | Duration | T | P | F | S | T | P | F | S | |
| <u>Graph</u> | 28.522 s | 14 | 14 | 0 | 0 | 42 | 42 | 0 | 0 | |
| Queue DataStructure | 24.094 s | 23 | 23 | 0 | 0 | 69 | 69 | 0 | 0 | |
| Stack DataStructure | 15.226 s | 18 | 18 | 0 | 0 | 54 | 54 | 0 | 0 | |
| <u>Tree</u> | 1 m 43.366 s | 69 | 69 | 0 | 0 | 208 | 208 | 0 | 0 | |

| TAG | | Scei | nario | | | Fea | ture | |
|-------------|-----|------|-------|---|---|-----|------|---|
| Name | τ | P | F | S | T | P | F | S |
| @Graph1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Regression | 124 | 124 | 0 | 0 | 4 | 4 | 0 | 0 |
| @Graph2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph3 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph4 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph5 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph6 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph7 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph8 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph9 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph10 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph11 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph12 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph13 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Graph14 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree2 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |

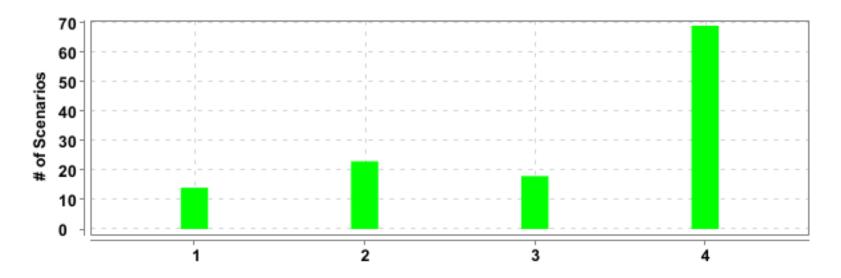
| TAG | Scenario | | | | | Feature | | | | | |
|---------|----------|---|---|---|---|---------|---|---|--|--|--|
| Name | T | P | F | S | T | P | F | S | | | |
| @Tree3 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree4 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree5 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree6 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree7 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree8 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree9 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree10 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree11 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree12 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree13 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree14 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree15 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree16 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree17 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree18 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree19 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |

| TAG | | Scei | nario | | | Fea | ture | |
|---------|---|------|-------|---|---|-----|------|---|
| Name | T | P | F | S | Т | P | F | S |
| @Tree20 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree21 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree22 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree23 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree24 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree25 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree26 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree27 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree28 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree29 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree30 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree31 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree32 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree33 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree34 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree35 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| @Tree36 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |

| TAG | Scenario | | | | | Feature | | | | | |
|---------|----------|---|---|---|---|---------|---|---|--|--|--|
| Name | T | P | F | S | T | P | F | S | | | |
| @Tree37 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree38 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree39 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree40 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree41 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree42 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree43 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree44 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree45 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree46 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree47 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree48 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree49 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree50 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree51 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree52 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |
| @Tree53 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | |

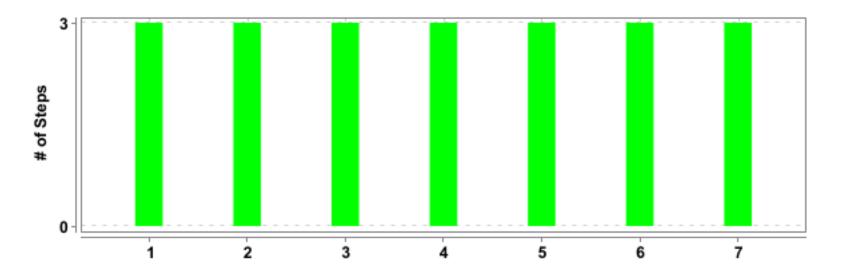
| TAG | | Scenario | | | | | Feature | | | | | |
|---------|---|----------|---|---|---|---|---------|---|--|--|--|--|
| Name | Τ | P | F | S | Т | P | F | S | | | | |
| @Tree54 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree55 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree56 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree57 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree58 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree59 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree60 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree61 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree62 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree63 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree64 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree65 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree66 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree67 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree68 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| @Tree69 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |

FEATURES SUMMARY -- 8 --



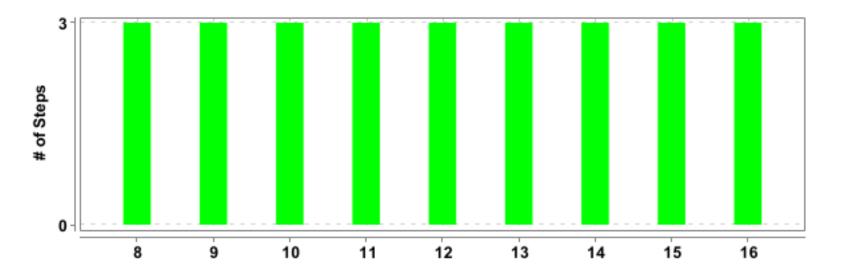
| # | Feature Name | T | P | F | S | Duration |
|---|---------------------|----|----|---|---|--------------|
| 1 | <u>Graph</u> | 14 | 14 | 0 | 0 | 28.522 s |
| 2 | Queue DataStructure | 23 | 23 | 0 | 0 | 24.094 s |
| 3 | Stack DataStructure | 18 | 18 | 0 | 0 | 15.226 s |
| 4 | <u>Tree</u> | 69 | 69 | 0 | 0 | 1 m 43.366 s |

SCENARIOS SUMMARY -- 9 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|---|--------------|--|---|---|---|---|----------|
| 1 | <u>Graph</u> | Verify that user is able to navigate to Graph data structure page | 3 | 3 | 0 | 0 | 3.408 s |
| 2 | | Verify that user is able to navigate to Graph Data Structures page | 3 | 3 | 0 | 0 | 0.558 s |
| 3 | | Verify that user is able to navigate to Graph page of Graph- Data structures page | 3 | 3 | 0 | 0 | 0.938 s |
| 4 | | Verify that user is able to navigate to Try Editor page of Graph | 3 | 3 | 0 | 0 | 2.932 s |
| 5 | | Verify that user receives an error when clicking on Run button without entering code in Graph Try Editor page | 3 | 3 | 0 | 0 | 1.406 s |
| 6 | | Verify that user receives an error for invalid Python code read from "pythonCode" and 1 in Graph Page | 3 | 3 | 0 | 0 | 3.390 s |
| 7 | | Verify that user is able to see output for valid Python code from "pythonCode" and 0 in Graph Page | 3 | 3 | 0 | 0 | 2.146 s |

SCENARIOS SUMMARY -- 10 --

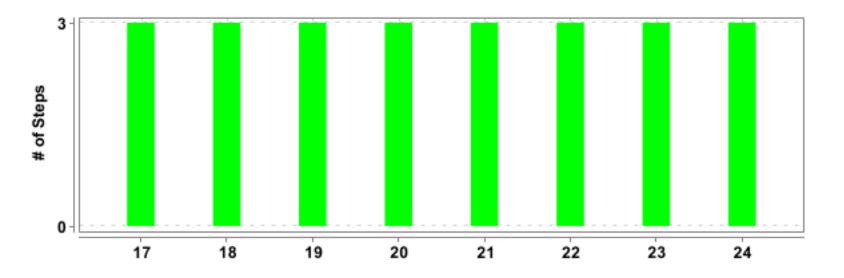


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 8 | <u>Graph</u> | Verify that user is able to navigate to Practice Questions in the Graph Data Structure page | 3 | 3 | 0 | 0 | 6.336 s |
| 9 | | Verify that user is able to navigate to Graph Representations page | 3 | 3 | 0 | 0 | 1.169 s |
| 10 | | Verify that user is able to navigate to Try Editor page for the Graph Representations page | 3 | 3 | 0 | 0 | 0.444 s |
| 11 | | Verify that user receives an error when clicking on Run button without entering code in Try Editor page of Graph * | 3 | 3 | 0 | 0 | 1.374 s |
| 12 | | Verify that user receives an error for invalid Python code in Try Editor page of Graph Representations | 3 | 3 | 0 | 0 | 2.007 s |
| 13 | | Verify that user is able to see output for valid Python code in Try Editor page of Graph Representations | 3 | 3 | 0 | 0 | 1.711 s |
| 14 | | Verify that user able to logout from the Graph data structure | 3 | 3 | 0 | 0 | 0.500 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|--|---|---|---|---|----------|
| 15 | Queue DataStructure | Navigate to Queue Data Structure Page | 3 | 3 | 0 | 0 | 1.906 s |
| 16 | | Navigate to Implementation of Queue in Python page | 3 | 3 | 0 | 0 | 0.419 s |

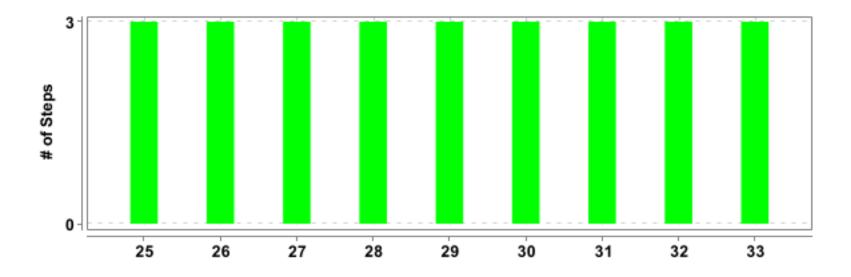
SCENARIOS SUMMARY -- 12 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|---|---|---|---|---|----------|
| 17 | Queue DataStructure | Navigate to try editor page for Implementation of Queue in Python | 3 | 3 | 0 | 0 | 0.451 s |
| 18 | | Error on clicking Run button without entering code for Implementation of Queue in Python | 3 | 3 | 0 | 0 | 1.255 s |
| 19 | | Error for invalid Python code for Implementation of Queue in Python | 3 | 3 | 0 | 0 | 1.660 s |
| 20 | | Output for valid Python code for Implementation of Queue in <u>Python</u> | 3 | 3 | 0 | 0 | 1.559 s |
| 21 | | Navigate to Practice Questions Page for Implementation of Queue in Python | 3 | 3 | 0 | 0 | 0.299 s |
| 22 | | Navigate to Implementation using collections.deque page | 3 | 3 | 0 | 0 | 0.273 s |
| 23 | | Navigate to try editor page for Implementation using collections.deque | 3 | 3 | 0 | 0 | 0.401 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 24 | | Error on clicking Run button without entering code for | 3 | 3 | 0 | 0 | 1.220 s |
| | | Implementation using collections.deque | | | | | |

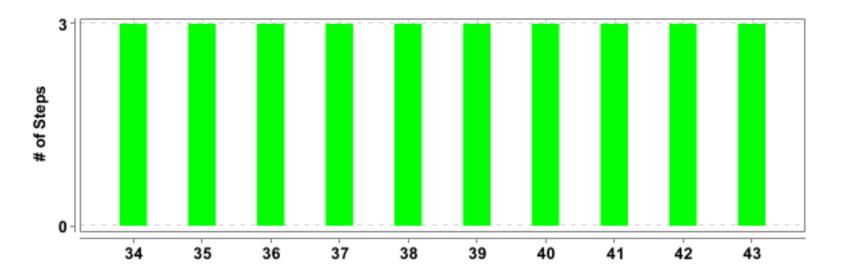
SCENARIOS SUMMARY



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|---|---|---|---|---|----------|
| 25 | Queue DataStructure | Error for invalid Python code for Implementation using collections.deque | 3 | 3 | 0 | 0 | 1.769 s |
| 26 | | Output for valid Python code for Implementation using collections.deque | 3 | 3 | 0 | 0 | 1.510 s |
| 27 | | Navigate to Implementation using array page | 3 | 3 | 0 | 0 | 0.319 s |
| 28 | | Navigate to try editor page for Implementation using array page | 3 | 3 | 0 | 0 | 0.471 s |
| 29 | | Error on clicking Run button without entering code for Implementation using array page | 3 | 3 | 0 | 0 | 1.368 s |
| 30 | | Error for invalid Python code for Implementation using array page | 3 | 3 | 0 | 0 | 1.677 s |
| 31 | | Output for valid Python code for Implementation using array | 3 | 3 | 0 | 0 | 1.580 s |
| 32 | | Navigate to Queue Operations page | 3 | 3 | 0 | 0 | 0.345 s |

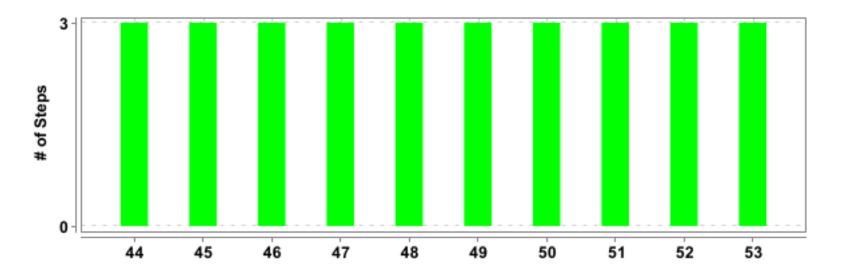
| # | # Feature Name | Scenario Name | T | P | F | S | Duration |
|---|----------------|--|---|---|---|---|----------|
| 3 | 3 | Navigate to try editor page for Queue Operations | 3 | 3 | 0 | 0 | 0.430 s |

SCENARIOS SUMMARY -- 16 --



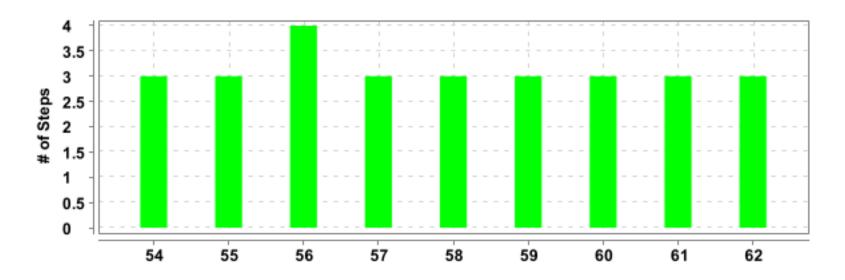
| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|--|---|---|---|---|----------|
| 34 | Queue DataStructure | Error on clicking Run button without entering code for Queue Operations | 3 | 3 | 0 | 0 | 1.220 s |
| 35 | | Error for invalid Python code for Queue Operations | 3 | 3 | 0 | 0 | 1.670 s |
| 36 | | Output for valid Python code for Queue Operations | 3 | 3 | 0 | 0 | 1.529 s |
| 37 | | Verify that user able to logout from the Queue data structure | 3 | 3 | 0 | 0 | 0.566 s |
| 38 | Stack DataStructure | Navigate to Stack Data Structure Page | 3 | 3 | 0 | 0 | 1.670 s |
| 39 | | Navigate to Operations in Stack Page | 3 | 3 | 0 | 0 | 0.531 s |
| 40 | | Navigate to TryEditor for Operations in Stack | 3 | 3 | 0 | 0 | 0.397 s |
| 41 | | Error on Clicking Run Without Code in Operations in Stack | 3 | 3 | 0 | 0 | 0.358 s |
| 42 | | Error for Invalid Python Code in Operations in Stack | 3 | 3 | 0 | 0 | 0.708 s |
| 43 | | Display Output for Valid Python Code in Operations in Stack | 3 | 3 | 0 | 0 | 0.751 s |

SCENARIOS SUMMARY -- 17 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|---|---|---|---|---|----------|
| 44 | Stack DataStructure | Navigate to Practice Questions Page for Operations in Stack | 3 | 3 | 0 | 0 | 0.295 s |
| 45 | | Navigate to Implementation Page | 3 | 3 | 0 | 0 | 0.308 s |
| 46 | | Navigate to TryEditor for Implementation Page | 3 | 3 | 0 | 0 | 0.409 s |
| 47 | | Error on Clicking Run Without Code in Implementation Page | 3 | 3 | 0 | 0 | 0.502 s |
| 48 | | Error for Invalid Python Code in Implementation Page | 3 | 3 | 0 | 0 | 0.785 s |
| 49 | | Display Output for Valid Python Code in Implementation Page | 3 | 3 | 0 | 0 | 1.115 s |
| 50 | | Navigate to Applications Page | 3 | 3 | 0 | 0 | 0.382 s |
| 51 | | Navigate to TryEditor for Applications Page | 3 | 3 | 0 | 0 | 4.053 s |
| 52 | | Error on Clicking Run Without Code in Applications Page | 3 | 3 | 0 | 0 | 0.590 s |
| 53 | | Error for Invalid Python Code in Applications Page | 3 | 3 | 0 | 0 | 0.781 s |

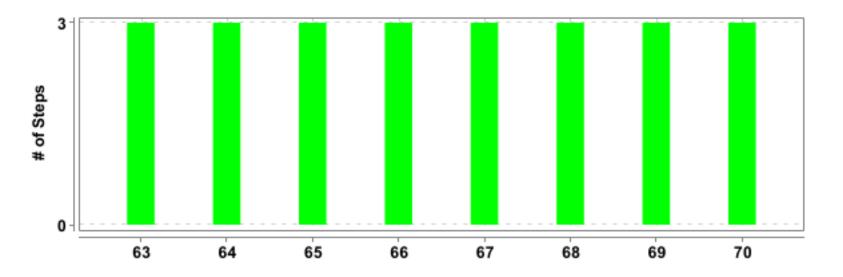
SCENARIOS SUMMARY



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|---------------------|--|---|---|---|---|----------|
| 54 | Stack DataStructure | Display Output for Valid Python Code in Applications Page | 3 | 3 | 0 | 0 | 0.827 s |
| 55 | | Verify that user able to logout from the Stack data structure | 3 | 3 | 0 | 0 | 0.652 s |
| 56 | <u>Tree</u> | Verify that user is able to navigate to Tree data structure page | 4 | 4 | 0 | 0 | 2.457 s |
| 57 | | Verify that user is able to navigate to Tree Data Structures page | 3 | 3 | 0 | 0 | 0.592 s |
| 58 | | Verify that user is able to navigate to Overview of Trees page | 3 | 3 | 0 | 0 | 1.096 s |
| 59 | | Verify that user is able to navigate to try Editor page for Overview of Trees page | 3 | 3 | 0 | 0 | 0.428 s |
| 60 | | Verify that user receives error when click on Run button without entering code in Overview of Trees TryEditor page | 3 | 3 | 0 | 0 | 1.511 s |
| 61 | | Verify that user receives error for invalid python code in Overview of Trees TryEditor page | 3 | 3 | 0 | 0 | 2.589 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 62 | | Verify that user is able to see output for valid python code in | 3 | 3 | 0 | 0 | 2.532 s |
| | | Overview of Trees TryEditor page | | | | | |

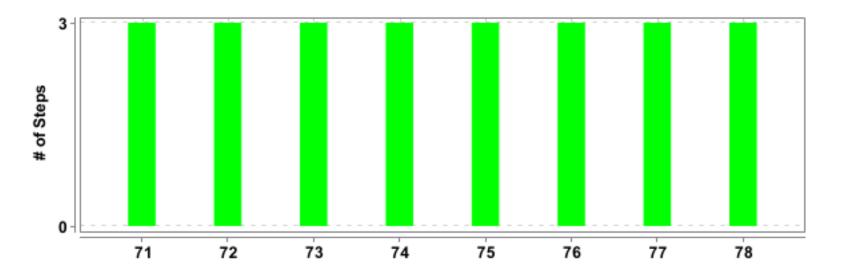
SCENARIOS SUMMARY -- 20 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 63 | <u>Tree</u> | Verify that user is able to navigate to Practice Questions inthe Trees Data Structure page | 3 | 3 | 0 | 0 | 1.506 s |
| 64 | | Verify that user is able to navigate to Terminologies page | 3 | 3 | 0 | 0 | 1.184 s |
| 65 | | Verify that user is able to navigate to try Editor page for Terminologies page | 3 | 3 | 0 | 0 | 1.647 s |
| 66 | | Verify that user receives error when click on Run button without entering code in Terminologies TryEditor page | 3 | 3 | 0 | 0 | 1.711 s |
| 67 | | Verify that user receives error for invalid python code in Terminologies TryEditor page | 3 | 3 | 0 | 0 | 1.810 s |
| 68 | | Verify that user is able to see output for valid python code in Terminologies TryEditor page | 3 | 3 | 0 | 0 | 2.047 s |
| 69 | | Verify that user is able to navigate to Types of Trees page | 3 | 3 | 0 | 0 | 1.212 s |

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 70 | | Verify that user is able to navigate to try Editor page for Types of Trees page | 3 | 3 | 0 | 0 | 1.400 s |

SCENARIOS SUMMARY -- 22 --

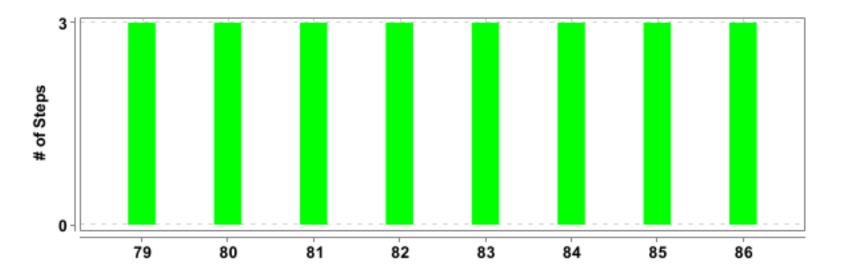


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 71 | <u>Tree</u> | Verify that user receives error when click on Run button without entering code in Types of Trees TryEditor page | 3 | 3 | 0 | 0 | 1.569 s |
| 72 | | Verify that user receives error for invalid python code in Types of Tree TryEditor page | 3 | 3 | 0 | 0 | 1.838 s |
| 73 | | Verify that user is able to see output for valid python code in Types of Trees TryEditor page | 3 | 3 | 0 | 0 | 1.897 s |
| 74 | | Verify that user is able to navigate to Tree Traversal page | 3 | 3 | 0 | 0 | 1.159 s |
| 75 | | Verify that user is able to navigate to try Editor page for Tree <u>Traversal page</u> | 3 | 3 | 0 | 0 | 1.370 s |
| 76 | | Verify that user receives error when click on Run button without entering code in Tree Travesal TryEditor page for * | 3 | 3 | 0 | 0 | 1.304 s |
| 77 | | Verify that user receives error for invalid python code in Tree <u>Traversal TryEditor page</u> | 3 | 3 | 0 | 0 | 1.644 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 78 | | Verify that user is able to see output for valid python code in | 3 | 3 | 0 | 0 | 1.728 s |
| | | Tree Traversal TryEditor page | | | | | |

SCENARIOS SUMMARY -- 24 --

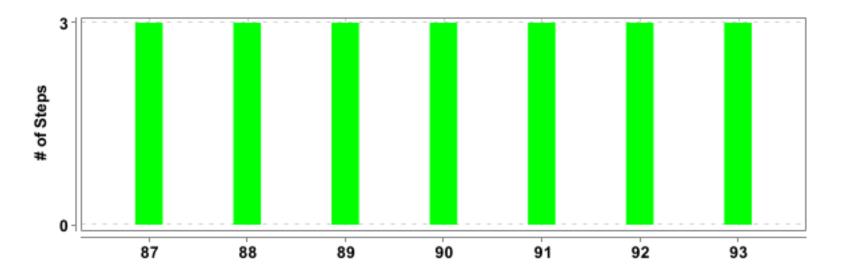


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 79 | <u>Tree</u> | Verify that user is able to navigate to Traversals-Illustration page | 3 | 3 | 0 | 0 | 1.091 s |
| 80 | | Verify that user is able to navigate to TryEditor page for Traversals-Illustration page | 3 | 3 | 0 | 0 | 1.314 s |
| 81 | | Verify that user receives error when click on Run button without entering code in Traversals-Illustration TryEditor * | 3 | 3 | 0 | 0 | 1.276 s |
| 82 | | Verify that user receives error for invalid python code in Traversals-Illustration TryEditor page | 3 | 3 | 0 | 0 | 1.572 s |
| 83 | | Verify that user is able to see output for valid python code in Traversals-Illustration TryEditor page | 3 | 3 | 0 | 0 | 1.630 s |
| 84 | | Verify that user is able to navigate to Binary trees page | 3 | 3 | 0 | 0 | 0.974 s |
| 85 | | Verify that user is able to navigate to try Editor page for Binary trees page | 3 | 3 | 0 | 0 | 1.140 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|--|---|---|---|---|----------|
| 86 | | Verify that user receives error when click on Run button | 3 | 3 | 0 | 0 | 1.477 s |
| | | without entering code in Binary trees TryEditor page | | | | | |

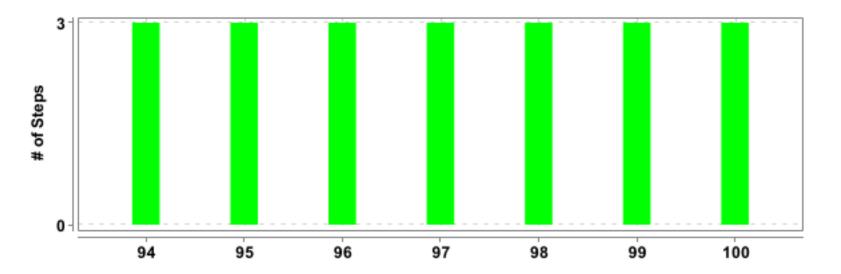
SCENARIOS SUMMARY -- 26 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----|--------------|---|---|---|---|---|----------|
| 87 | <u>Tree</u> | Verify that user receives error for invalid python code in Binary trees TryEditor page | 3 | 3 | 0 | 0 | 1.681 s |
| 88 | | Verify that user is able to see output for valid python code in Binary trees TryEditor page | 3 | 3 | 0 | 0 | 1.494 s |
| 89 | | Verify that user is able to navigate to Types of Binary trees page | 3 | 3 | 0 | 0 | 1.161 s |
| 90 | | Verify that user is able to navigate to try Editor page for Types of Binary Trees page | 3 | 3 | 0 | 0 | 1.191 s |
| 91 | | Verify that user receives error when click on Run button without entering code in Types of Binary Trees TryEditor * | 3 | 3 | 0 | 0 | 1.483 s |
| 92 | | Verify that user receives error for invalid python code in Types of Binary Trees TryEditor page | 3 | 3 | 0 | 0 | 2.284 s |
| 93 | | Verify that user is able to see output for valid python code in Types of Binary Trees TryEditor page | 3 | 3 | 0 | 0 | 2.010 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

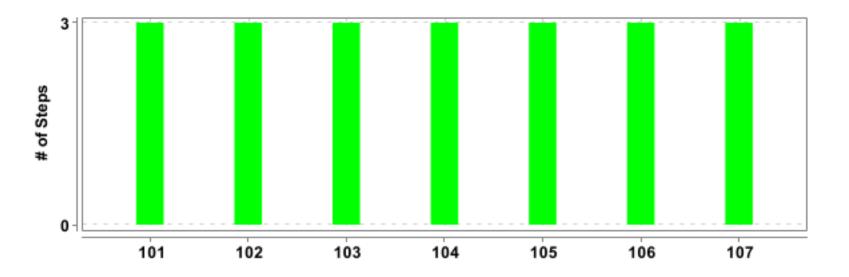
SCENARIOS SUMMARY -- 27 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----------|--------------|---|---|---|---|---|----------|
| 94 | <u>Tree</u> | Verify that user is able to navigate to Implementation in Python page | 3 | 3 | 0 | 0 | 1.148 s |
| 95 | | Verify that user is able to navigate to try Editor page for Implementation in Python page | 3 | 3 | 0 | 0 | 1.529 s |
| 96 | | Verify that user receives error when click on Run button without entering code in Implementation in Python TryEdi * | 3 | 3 | 0 | 0 | 1.538 s |
| 97 | | Verify that user receives error for invalid python code in Implementation in Python TryEditor page | 3 | 3 | 0 | 0 | 1.865 s |
| 98 | | Verify that user is able to see output for valid python code in Implementation in Python TryEditor page | 3 | 3 | 0 | 0 | 1.621 s |
| 99 | | Verify that user is able to navigate to Binary Tree Traversals page | 3 | 3 | 0 | 0 | 1.045 s |
| 10- 0 | | Verify that user is able to navigate to Try Editor page for Binary Tree Traversals page | 3 | 3 | 0 | 0 | 1.187 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

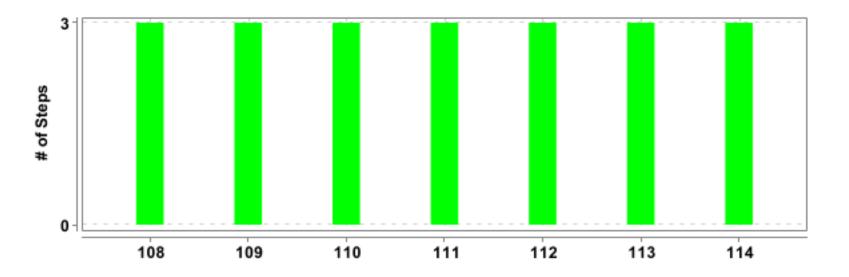
SCENARIOS SUMMARY -- 28 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----------|--------------|--|---|---|---|---|----------|
| 10- 1 | <u>Tree</u> | Verify that user receives error when click on Run button without entering code in Binary Tree Traversals TryEditor * | 3 | 3 | 0 | 0 | 1.313 s |
| 10- 2 | | Verify that user receives error for invalid python code in Binary Tree Traversals TryEditor page | 3 | 3 | 0 | 0 | 1.677 s |
| 10- 3 | | Verify that user is able to see output for valid python code in Binary Tree Traversals TryEditor page | 3 | 3 | 0 | 0 | 1.717 s |
| 10- 4 | | Verify that user is able to navigate to Implementation of Binary Trees page | 3 | 3 | 0 | 0 | 0.843 s |
| 10- 5 | | Verify that user is able to navigate to try Editor page for Implementation of Binary Trees page | 3 | 3 | 0 | 0 | 1.149 s |
| 10- 6 | | Verify that user receives error when click on Run button without entering code in Implementation of Binary Trees * | 3 | 3 | 0 | 0 | 1.731 s |
| 10- 7 | | Verify that user receives error for invalid python code in Implementation of Binary Trees TryEditor page | 3 | 3 | 0 | 0 | 2.185 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

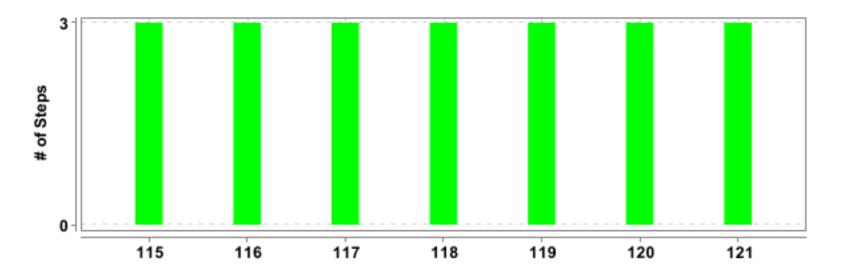
SCENARIOS SUMMARY -- 29 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----------|--------------|--|---|---|---|---|----------|
| 10- 8 | <u>Tree</u> | Verify that user is able to see output for valid python code in Implementation of Binary Trees TryEditor page | 3 | 3 | 0 | 0 | 1.524 s |
| 10- 9 | | Verify that user is able to navigate to Applications of Binary trees page | 3 | 3 | 0 | 0 | 1.666 s |
| 11- 0 | | Verify that user is able to navigate to try Editor page for Applications of Binary trees page | 3 | 3 | 0 | 0 | 1.690 s |
| 11- 1 | | Verify that user receives error when click on Run button without entering code in Applications of Binary trees * | 3 | 3 | 0 | 0 | 1.363 s |
| 11- 2 | | Verify that user receives error for invalid python code in Applications of Binary trees TryEditor page | 3 | 3 | 0 | 0 | 1.551 s |
| 11- 3 | | Verify that user is able to see output for valid python code in Applications of Binary trees TryEditor page | 3 | 3 | 0 | 0 | 1.554 s |
| 11- 4 | | Verify that user is able to navigate to Binary Search Trees page | 3 | 3 | 0 | 0 | 1.889 s |

^{*} The feature name and/or scenario name has been cropped to fit in the available space.

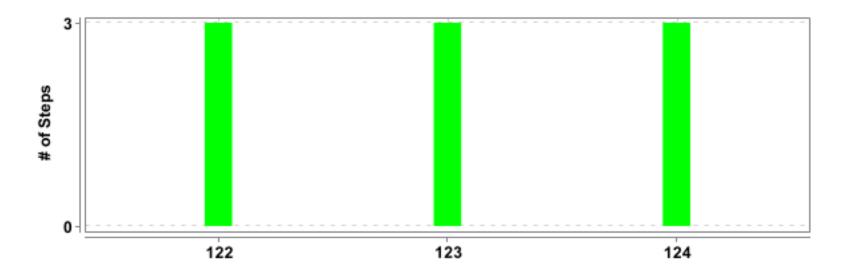
SCENARIOS SUMMARY -- 30 --



| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----------|--------------|--|---|---|---|---|----------|
| 11- 5 | <u>Tree</u> | Verify that user is able to navigate to try Editor page for Binary Search Trees page | 3 | 3 | 0 | 0 | 1.460 s |
| 11- 6 | | Verify that user receives error when click on Run button without entering code in Binary Search Trees TryEditor page | 3 | 3 | 0 | 0 | 1.368 s |
| 11- 7 | | Verify that user receives error for invalid python code in Binary Search Trees TryEditor page | 3 | 3 | 0 | 0 | 1.632 s |
| 11- 8 | | Verify that user is able to see output for valid python code in Binary Search Trees TryEditor page | 3 | 3 | 0 | 0 | 1.508 s |
| 11- 9 | | Verify that user is able to navigate to Implementation Of BST page | 3 | 3 | 0 | 0 | 0.934 s |
| 12- 0 | | Verify that user is able to navigate to try Editor page for Implementation Of BST page | 3 | 3 | 0 | 0 | 1.152 s |
| 12- 1 | | Verify that user receives error when click on Run button without entering code in Implementation Of BST TryEditor * | 3 | 3 | 0 | 0 | 1.225 s |

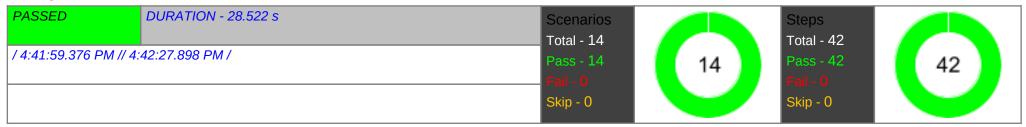
^{*} The feature name and/or scenario name has been cropped to fit in the available space.

SCENARIOS SUMMARY -- 31 --

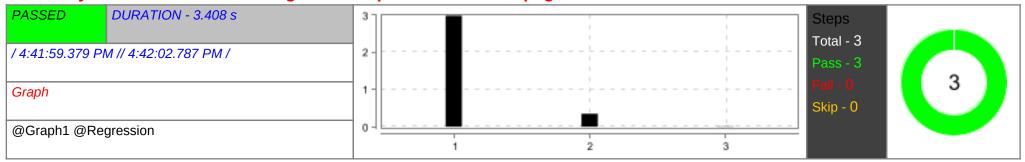


| # | Feature Name | Scenario Name | T | P | F | S | Duration |
|----------|--------------|---|---|---|---|---|----------|
| 12- 2 | <u>Tree</u> | Verify that user receives error for invalid python code in Implementation Of BST TryEditor page | 3 | 3 | 0 | 0 | 1.622 s |
| 12- 3 | | Verify that user is able to see output for valid python code in Implementation Of BST TryEditor page | 3 | 3 | 0 | 0 | 1.708 s |
| 12- 4 | | Verify that user able to logout from the Tree data structure | 3 | 3 | 0 | 0 | 0.489 s |

Graph

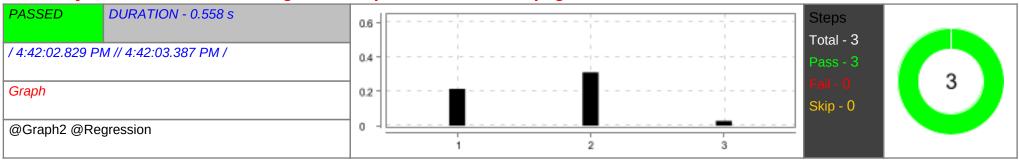


Verify that user is able to navigate to Graph data structure page



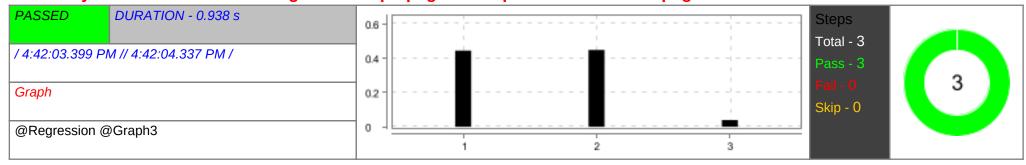
| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Home page after Sign in with valid credentials. | PASSED | 2.984 s |
| 2 | When The user clicks the Getting Started button in Graph Panel | PASSED | 0.349 s |
| 3 | Then The user should be directed to Graph Data Structure Page | PASSED | 0.009 s |

Verify that user is able to navigate to Graph Data Structures page



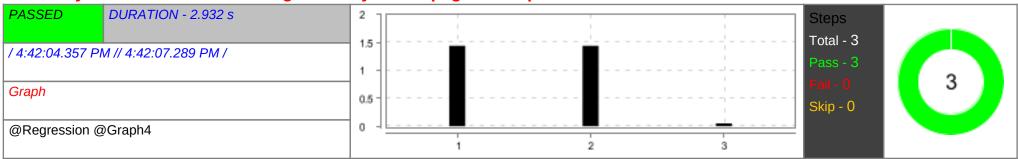
| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Home page after Signed in. | PASSED | 0.214 s |
| 2 | When The user selects Graph item from the drop down menu. | PASSED | 0.311 s |
| 3 | Then The user should land in Graph Data Structure Page | PASSED | 0.028 s |

Verify that user is able to navigate to Graph page of Graph-Data structures page



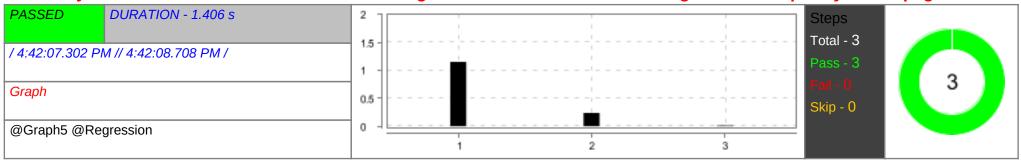
| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Graph data structure page after Sign in | PASSED | 0.445 s |
| 2 | When The user clicks Graph link | PASSED | 0.449 s |
| 3 | Then The user should be redirected to Graph page of Graph-Data structures | PASSED | 0.039 s |

Verify that user is able to navigate to Try Editor page of Graph



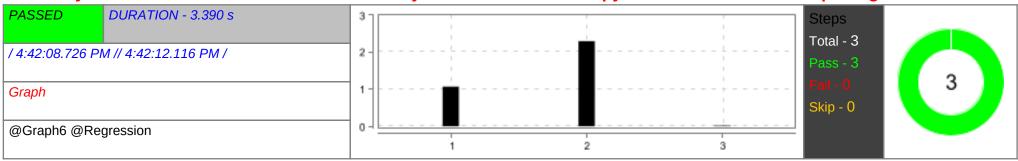
| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph page | PASSED | 1.439 s |
| 2 | When The user clicks Try Here button in Graph page | PASSED | 1.439 s |
| 3 | Then The user should be redirected to a page having a Try Editor with a Run button to test | PASSED | 0.050 s |

Verify that user receives an error when clicking on Run button without entering code in Graph Try Editor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.152 s |
| 2 | When The user clicks the Run button without entering the code in the Editor | PASSED | 0.239 s |
| 3 | Then The user should see an error message in an alert window | PASSED | 0.012 s |

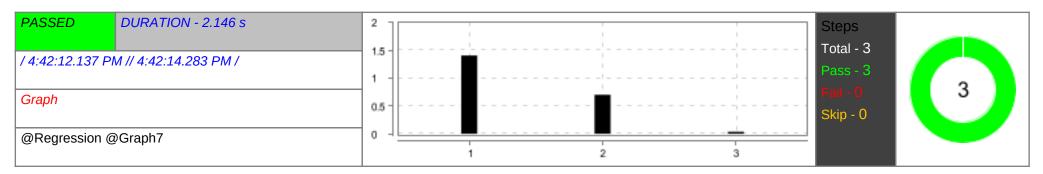
Verify that user receives an error for invalid Python code read from "pythonCode" and 1 in Graph Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.070 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 2.298 s |
| 3 | Then The user should see an error message in an alert window | PASSED | 0.017 s |

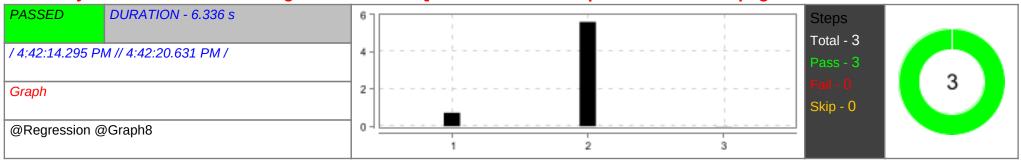
Verify that user is able to see output for valid Python code from "pythonCode" and 0 in Graph Page

DETAILED SECTION -- 35 -



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.407 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.700 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.034 s |

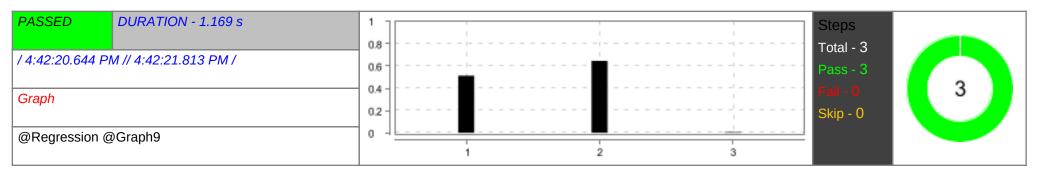
Verify that user is able to navigate to Practice Questions in the Graph Data Structure page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Graph page after Sign in | PASSED | 0.720 s |
| 2 | When The user clicks Practice Questions link | PASSED | 5.601 s |
| 3 | Then The user should be redirected to Practice page | PASSED | 0.013 s |

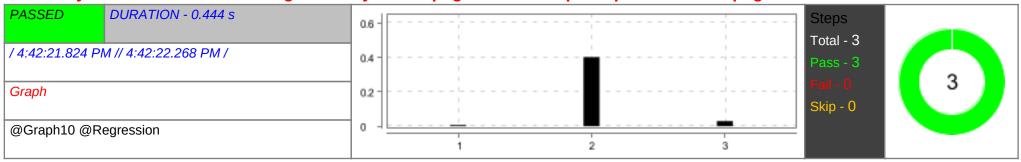
Verify that user is able to navigate to Graph Representations page

DETAILED SECTION -- 36



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Graph data structure page after Sign in | PASSED | 0.513 s |
| 2 | When The user clicks Graph Representations link | PASSED | 0.646 s |
| 3 | Then The user should be redirected to Graph Representations page | PASSED | 0.006 s |

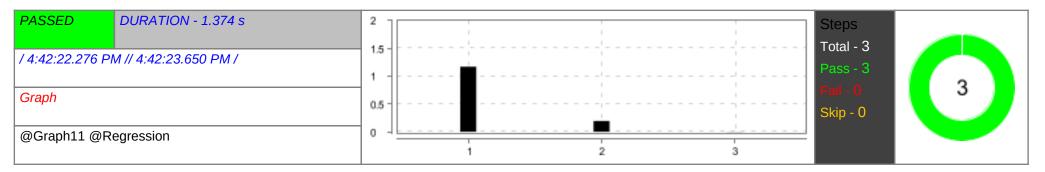
Verify that user is able to navigate to Try Editor page for the Graph Representations page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Graph Representations page | PASSED | 0.007 s |
| 2 | When The user clicks Try Here button in the Graph Representations page | PASSED | 0.402 s |
| 3 | Then The user should be redirected to a page having a Try Editor with a Run button to test | PASSED | 0.030 s |

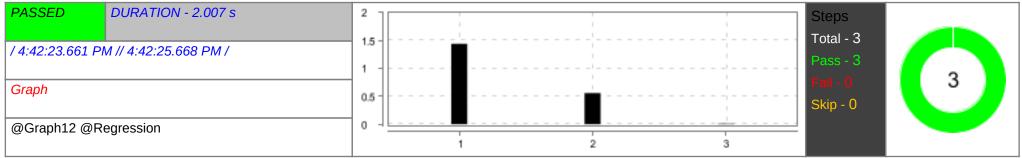
Verify that user receives an error when clicking on Run button without entering code in Try Editor page of Graph Representations

DETAILED SECTION -- 37 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.171 s |
| 2 | When The user clicks the Run button without entering the code in the Editor | PASSED | 0.194 s |
| 3 | Then The user should see an error message in an alert window | PASSED | 0.004 s |

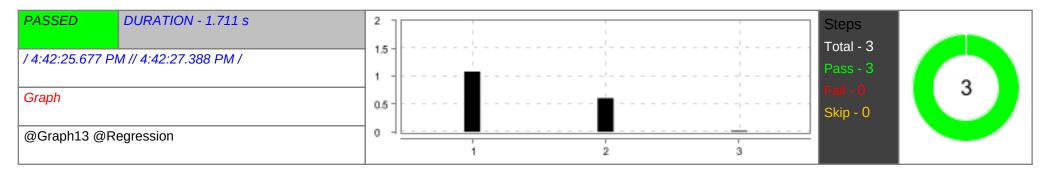
Verify that user receives an error for invalid Python code in Try Editor page of Graph Representations



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.439 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.558 s |
| 3 | Then The user should see an error message in an alert window | PASSED | 0.008 s |

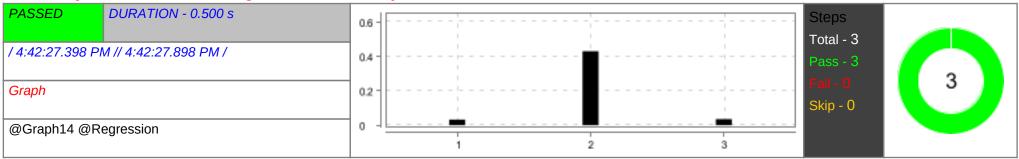
Verify that user is able to see output for valid Python code in Try Editor page of Graph Representations

DETAILED SECTION -- 38 -



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Try Editor page | PASSED | 1.082 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.603 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.018 s |

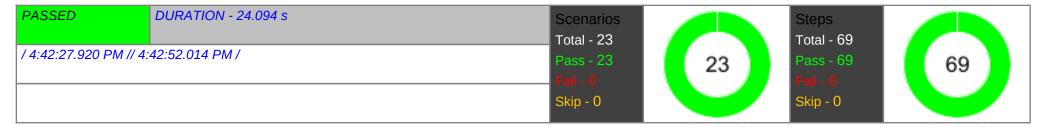
Verify that user able to logout from the Graph data structure



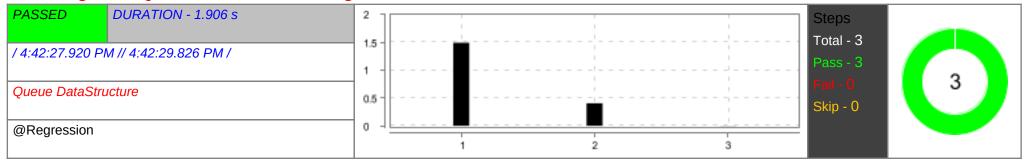
| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Graph data structure page | PASSED | 0.032 s |
| 2 | When The User clicks signout button | PASSED | 0.431 s |
| 3 | Then The user should signout successfully | PASSED | 0.035 s |

Queue DataStructure

DETAILED SECTION -- 39 --



Navigate to Queue Data Structure Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page | PASSED | 1.492 s |
| 2 | When The user selects Getting Started in Queue Panel or the user selects Queue item from the drop down menu | PASSED | 0.406 s |
| 3 | Then The user should be directed to the Queue Data Structure Page | PASSED | 0.004 s |

Navigate to Implementation of Queue in Python page

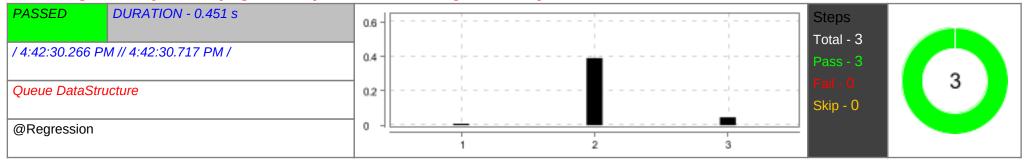
| PASSED | DURATION - 0.419 s | 0.6 | Steps |
|-----------------|-----------------------|-------|---------------------|
| / 4:42:29.836 P | M // 4:42:30.255 PM / | 0.4 - | Total - 3 Pass - 3 |
| Queue DataStro | ucture | 0.2 - | Fail - 0 Skip - 0 |
| @Regression | | 0 1 | 1 2 3 |

| | # | Step / Hook Details | Status | Duration |
|---|---|---|--------|----------|
| 1 | - | Given The user is on the Queue page | PASSED | 0.007 s |
| 2 | - | When The user clicks Implementation of Queue in Python button | PASSED | 0.398 s |

DETAILED SECTION -- 40 --

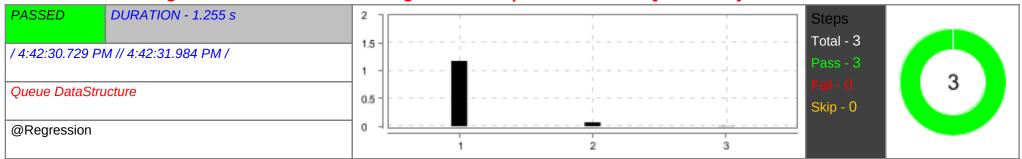
| | # | Step / Hook Details | Status | Duration |
|---|---|--|--------|----------|
| 3 | 3 | Then The user should be redirected to Implementation of Queue in Python page | PASSED | 0.012 s |

Navigate to try editor page for Implementation of Queue in Python



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation of Queue in Python page | PASSED | 0.009 s |
| 2 | When The user clicks Try Here button in Queue in Python page | PASSED | 0.391 s |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.046 s |

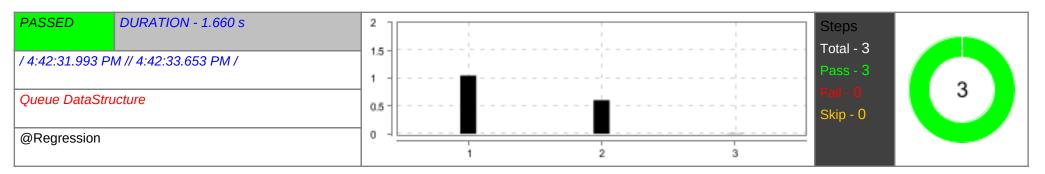
Error on clicking Run button without entering code for Implementation of Queue in Python



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue on Python page | PASSED | 1.176 s |
| 2 | When The user clicks the Run Button without entering the code in the Editor | PASSED | 0.071 s |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.005 s |

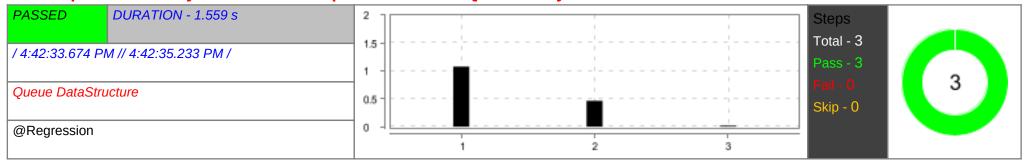
Error for invalid Python code for Implementation of Queue in Python

DETAILED SECTION -- 41 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue on Python page | PASSED | 1.048 s |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for | PASSED | 0.604 s |
| | queue tryEditor | | |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.005 s |

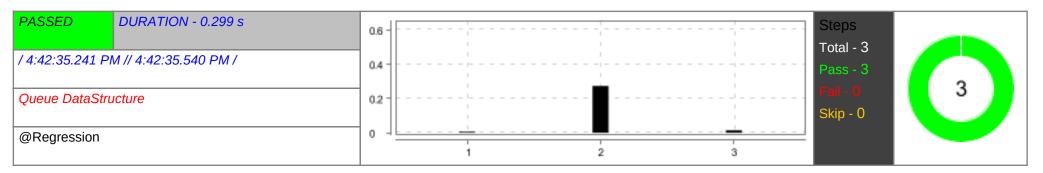
Output for valid Python code for Implementation of Queue in Python



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation of Queue in Python page | PASSED | 1.075 s |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for | PASSED | 0.464 s |
| | queue tryEditor | | |
| 3 | Then The user should see the output in the console | PASSED | 0.017 s |

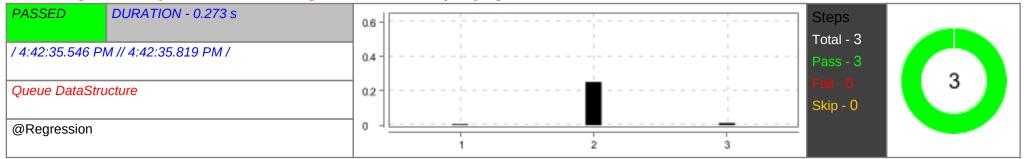
Navigate to Practice Questions Page for Implementation of Queue in Python

DETAILED SECTION -- 42 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Queue page | PASSED | 0.006 s |
| 2 | When The user clicks Practice Questions button in the Implementation of Queue in Python page | PASSED | 0.274 s |
| 3 | Then The user should be redirected to the Practice Questions page | PASSED | 0.014 s |

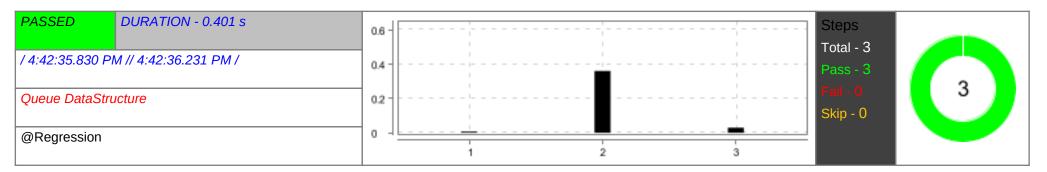
Navigate to Implementation using collections.deque page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page | PASSED | 0.006 s |
| 2 | When The user clicks Implementation using collections.deque button page | PASSED | 0.252 s |
| 3 | Then The user should be redirected to the Implementation using collections.deque page | PASSED | 0.012 s |

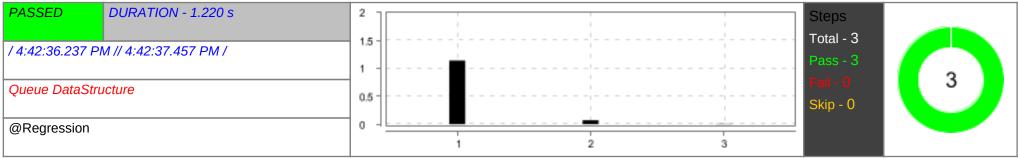
Navigate to try editor page for Implementation using collections.deque

DETAILED SECTION -- 43 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation using collections.deque page | PASSED | 0.007 s |
| 2 | When The user clicks Try Here button in Queue in Python page | PASSED | 0.361 s |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.030 s |

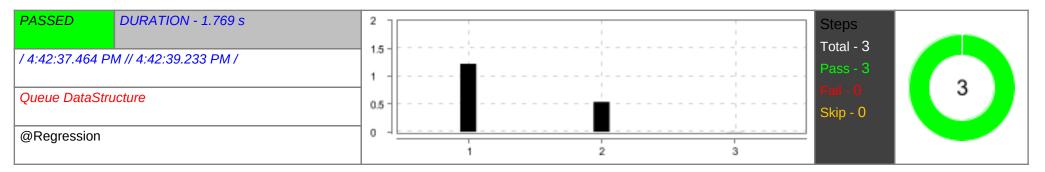
Error on clicking Run button without entering code for Implementation using collections.deque



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page | PASSED | 1.140 s |
| 2 | When The user clicks the Run Button without entering the code in the Editor | PASSED | 0.071 s |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.007 s |

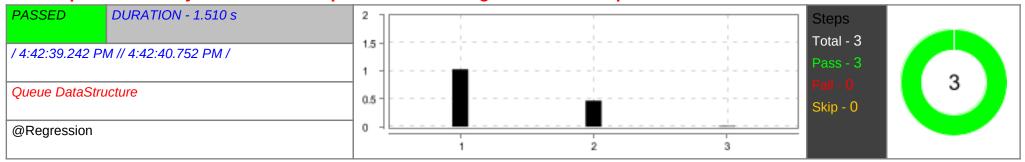
Error for invalid Python code for Implementation using collections.deque

DETAILED SECTION -- 44 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page | PASSED | 1.224 s |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for | PASSED | 0.538 s |
| | queue tryEditor | | |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.004 s |

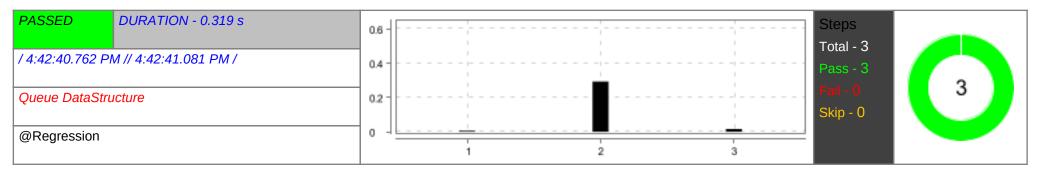
Output for valid Python code for Implementation using collections.deque



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using collections.deque page | PASSED | 1.029 s |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.466 s |
| 3 | Then The user should see the output in the console | PASSED | 0.013 s |

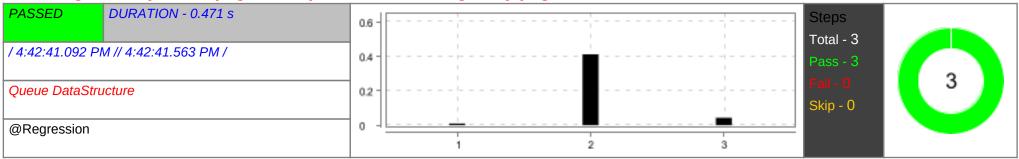
Navigate to Implementation using array page

DETAILED SECTION -- 45 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page | PASSED | 0.006 s |
| 2 | When The user clicks Implementation using array button | PASSED | 0.294 s |
| 3 | Then The user should be redirected to the Implementation using array page | PASSED | 0.016 s |

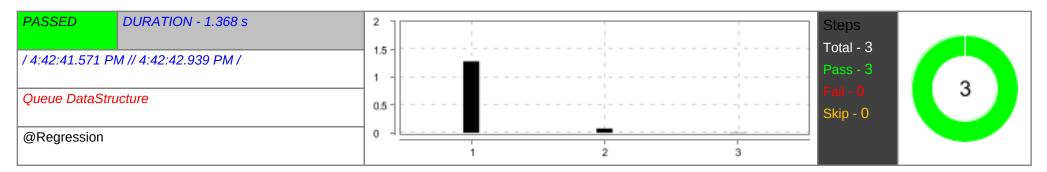
Navigate to try editor page for Implementation using array page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation using array page | PASSED | 0.010 s |
| 2 | When The user clicks Try Here button in Queue in Python page | PASSED | 0.413 s |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.043 s |

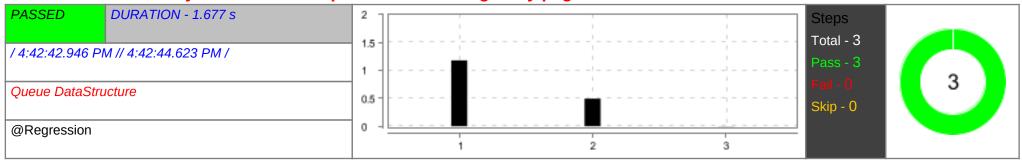
Error on clicking Run button without entering code for Implementation using array page

DETAILED SECTION -- 46 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page | PASSED | 1.283 s |
| 2 | When The user clicks the Run Button without entering the code in the Editor | PASSED | 0.077 s |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.005 s |

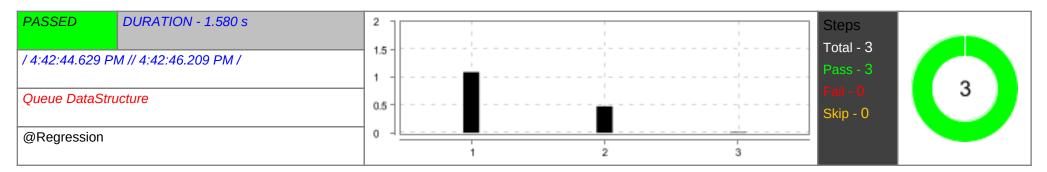
Error for invalid Python code for Implementation using array page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page | PASSED | 1.179 s |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for | PASSED | 0.492 s |
| | queue tryEditor | | |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.003 s |

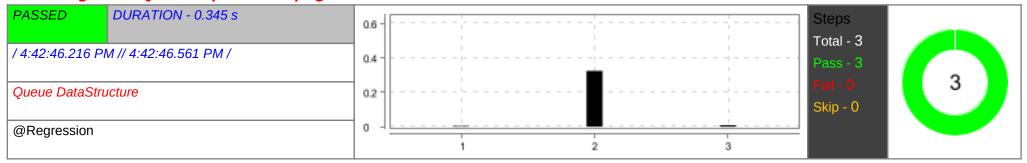
Output for valid Python code for Implementation using array

DETAILED SECTION -- 47 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Implementation using array page | PASSED | 1.091 s |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for | PASSED | 0.474 s |
| | queue tryEditor | | |
| 3 | Then The user should see the output in the console | PASSED | 0.013 s |

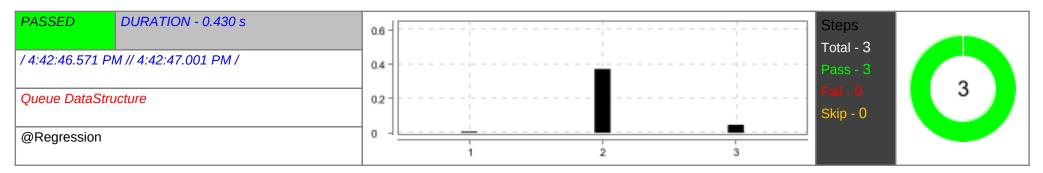
Navigate to Queue Operations page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Queue page | PASSED | 0.004 s |
| 2 | When The user clicks Queue Operations button | PASSED | 0.325 s |
| 3 | Then The user should be redirected to the Queue Operations page | PASSED | 0.009 s |

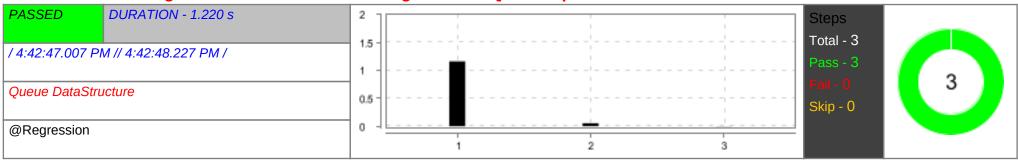
Navigate to try editor page for Queue Operations

DETAILED SECTION -- 48 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Queue Operations page | PASSED | 0.007 s |
| 2 | When The user clicks Try Here button in Queue in Python page | PASSED | 0.373 s |
| 3 | Then The user should be redirected to a page having a try Editor with a Run button to test | PASSED | 0.047 s |

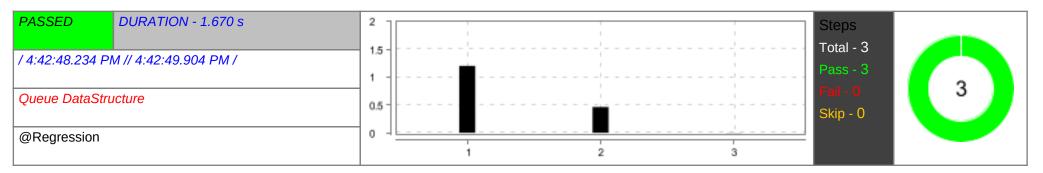
Error on clicking Run button without entering code for Queue Operations



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page | PASSED | 1.162 s |
| 2 | When The user clicks the Run Button without entering the code in the Editor | PASSED | 0.052 s |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.004 s |

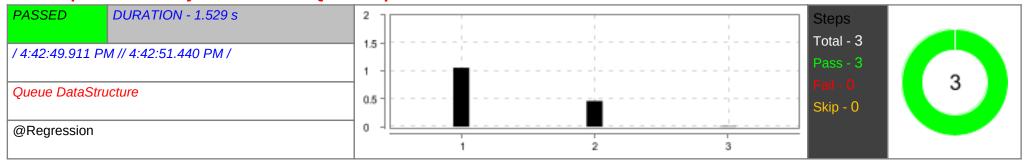
Error for invalid Python code for Queue Operations

DETAILED SECTION -- 49 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page | PASSED | 1.202 s |
| 2 | When The user writes invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.463 s |
| 3 | Then The user should see an error message in the alert window | PASSED | 0.003 s |

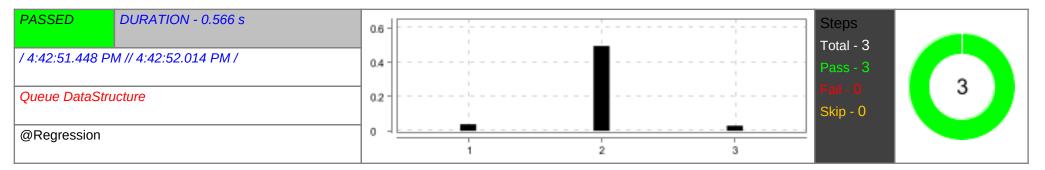
Output for valid Python code for Queue Operations



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the try editor page in the Queue Operations page | PASSED | 1.056 s |
| 2 | When The user writes valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks the Run Button for queue tryEditor | PASSED | 0.461 s |
| 3 | Then The user should see the output in the console | PASSED | 0.010 s |

Verify that user able to logout from the Queue data structure

DETAILED SECTION -- 50 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Queue data structure page | PASSED | 0.038 s |
| 2 | When The User clicks signout button. | PASSED | 0.496 s |
| 3 | Then The user should signout successfully. | PASSED | 0.030 s |

Stack DataStructure

| Scenarios | | Steps | |
|------------|---------------------------------|-------------------------------|--|
| Total - 18 | | Total - 54 | |
| Pass - 18 | 18 | Pass - 54 | 54 |
| Fail - 0 | | Fail - 0 | , J |
| Skip - 0 | | Skip - 0 | |
| | Total - 18 Pass - 18 Fail - 0 | Total - 18 Pass - 18 Fail - 0 | Total - 18 Pass - 18 Fail - 0 Total - 54 Pass - 54 Fail - 0 |

Navigate to Stack Data Structure Page

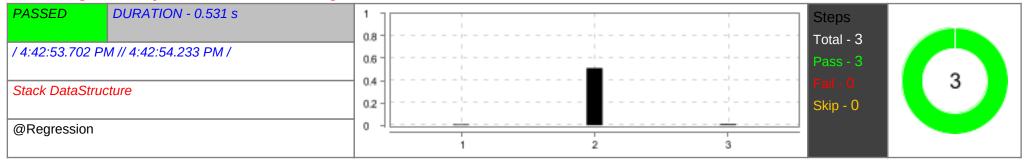
| PASSED DURATION - 1.670 s | 2 Steps |
|--------------------------------------|-------------------------|
| / 4:42:52.026 PM // 4:42:53.696 PM / | 1.5 - Total - 3 |
| Stack DataStructure | 1 0.5 Fail - 0 Skip - 0 |
| @Regression | |
| | 1 2 3 |

| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the homepage after logging into the dsAlgo Portal | PASSED | 1.352 s |
| 2 | When the user selects the Getting Started button from the Stack panel | PASSED | 0.310 s |

DETAILED SECTION -- 51 --

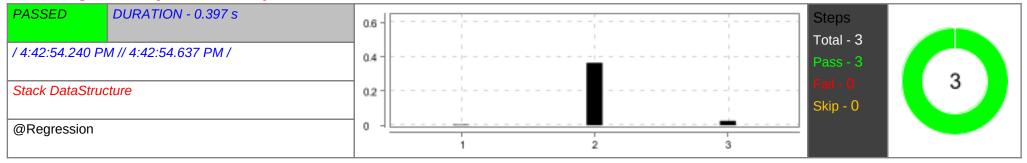
| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 3 | Then the user should be redirected to the Stack Data Structure page | PASSED | 0.005 s |

Navigate to Operations in Stack Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Stack page | PASSED | 0.007 s |
| 2 | When the user clicks the Operations in Stack link | PASSED | 0.512 s |
| 3 | Then the user should be navigated to the Operations in Stack page | PASSED | 0.011 s |

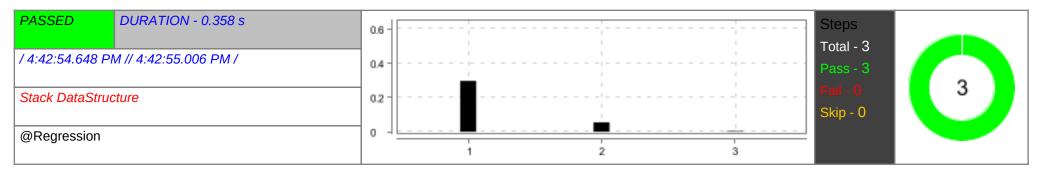
Navigate to TryEditor for Operations in Stack



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the Operations in Stack page | PASSED | 0.004 s |
| 2 | When the user clicks the Try Here button on the Operations in Stack page | PASSED | 0.365 s |
| 3 | Then the user should be taken to a page containing a try editor with a Run button for testing the code | PASSED | 0.026 s |

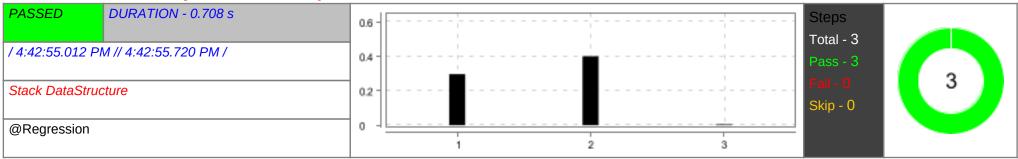
Error on Clicking Run Without Code in Operations in Stack

DETAILED SECTION -- 52 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page | PASSED | 0.297 s |
| 2 | When the user clicks the Run button without any code in the editor | PASSED | 0.055 s |
| 3 | Then the user should receive an error message in the alert window | PASSED | 0.004 s |

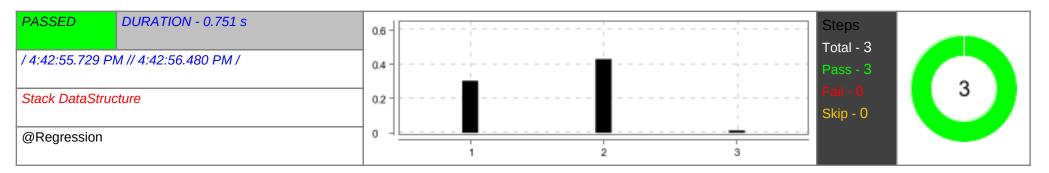
Error for Invalid Python Code in Operations in Stack



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page | PASSED | 0.297 s |
| 2 | When the user types invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for | PASSED | 0.401 s |
| | stack TryEditor | | |
| 3 | Then the user should see an error message in the alert window | PASSED | 0.005 s |

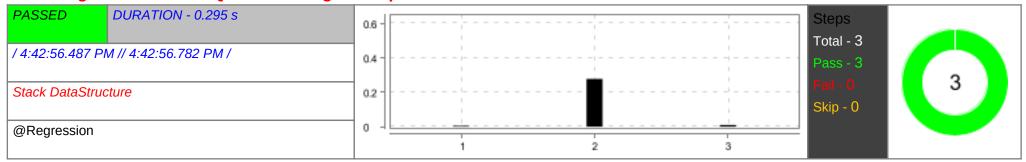
Display Output for Valid Python Code in Operations in Stack

DETAILED SECTION -- 53 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Operations in Stack on Python page | PASSED | 0.304 s |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for | PASSED | 0.431 s |
| | stack TryEditor | | |
| 3 | Then the user should see the output displayed in the console | PASSED | 0.013 s |

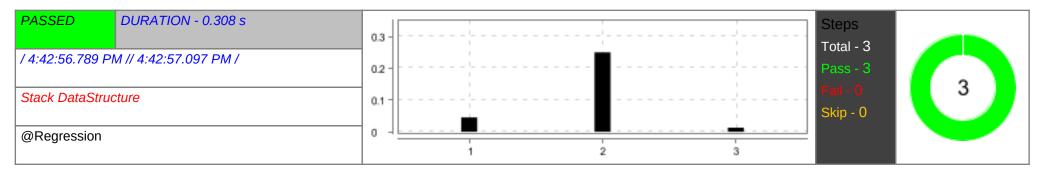
Navigate to Practice Questions Page for Operations in Stack



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the Operations in Stack page | PASSED | 0.005 s |
| 2 | When the user clicks the Practice Questions button in the Operations in Stack on Python page | PASSED | 0.278 s |
| 3 | Then the user should be redirected to the Practice Questions page | PASSED | 0.010 s |

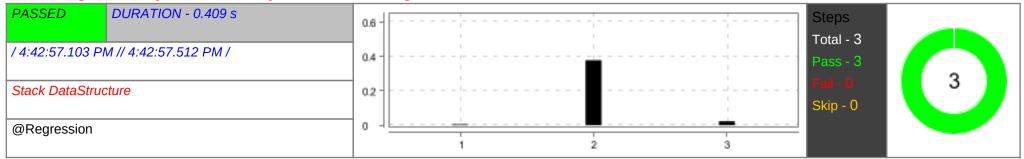
Navigate to Implementation Page

DETAILED SECTION -- 54 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is currently on the stack page | PASSED | 0.045 s |
| 2 | When the user clicks the Implementation link | PASSED | 0.250 s |
| 3 | Then the user should be taken to the Implementation page | PASSED | 0.013 s |

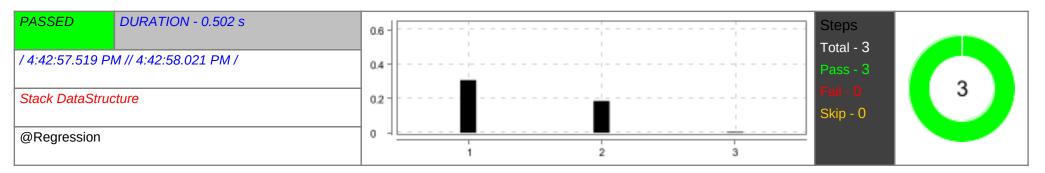
Navigate to TryEditor for Implementation Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Implementation page | PASSED | 0.005 s |
| 2 | When the user clicks the Try Here button on the Implementation page | PASSED | 0.378 s |
| 3 | Then the user should be redirected to a page containing a try editor with a Run button for testing the code | PASSED | 0.023 s |

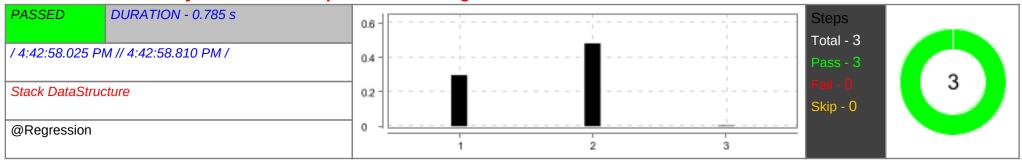
Error on Clicking Run Without Code in Implementation Page

DETAILED SECTION -- 55 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page | PASSED | 0.308 s |
| 2 | When the user clicks the Run button without entering any code in the editor | PASSED | 0.186 s |
| 3 | Then the user should see an error message in the alert window | PASSED | 0.005 s |

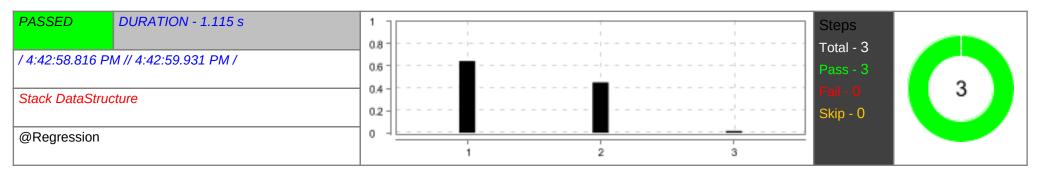
Error for Invalid Python Code in Implementation Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page | PASSED | 0.297 s |
| 2 | When the user enters invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for | PASSED | 0.482 s |
| | stack TryEditor | | |
| 3 | Then the user should receive an error message in the alert window | PASSED | 0.004 s |

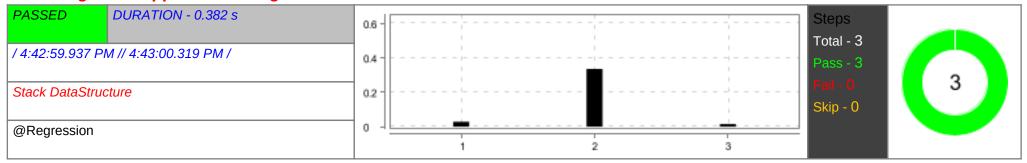
Display Output for Valid Python Code in Implementation Page

DETAILED SECTION -- 56 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Implementation page | PASSED | 0.645 s |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for | PASSED | 0.453 s |
| | stack TryEditor | | |
| 3 | Then the user should see the output displayed in the console | PASSED | 0.016 s |

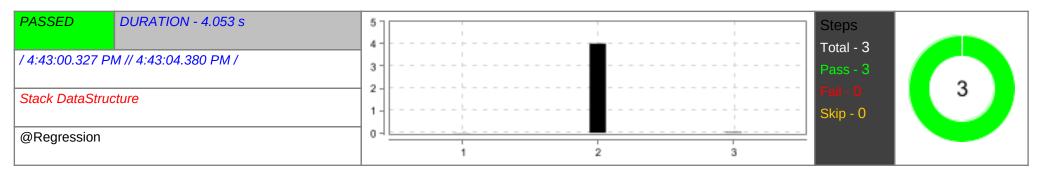
Navigate to Applications Page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is currently on the stack page | PASSED | 0.029 s |
| 2 | When the user clicks the Applications link | PASSED | 0.336 s |
| 3 | Then the user should be taken to the Applications page | PASSED | 0.015 s |

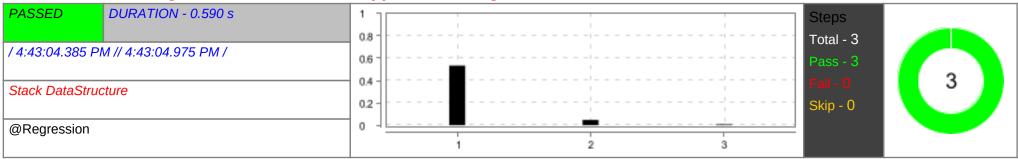
Navigate to TryEditor for Applications Page

DETAILED SECTION -- 57 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the Applications page | PASSED | 0.010 s |
| 2 | When the user clicks the Try Here button on the Applications page | PASSED | 4.013 s |
| 3 | Then the user should be redirected to a page containing a try editor with a Run button for testing the code | PASSED | 0.026 s |

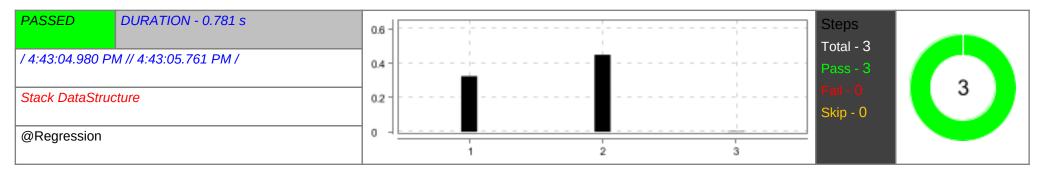
Error on Clicking Run Without Code in Applications Page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page | PASSED | 0.534 s |
| 2 | When the user clicks the Run button without any code in the editor | PASSED | 0.047 s |
| 3 | Then the user should see an error message in the alert window | PASSED | 0.007 s |

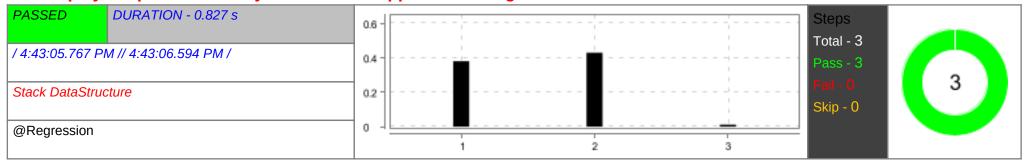
Error for Invalid Python Code in Applications Page

DETAILED SECTION -- 58 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page | PASSED | 0.325 s |
| | When the user enters invalid python code from excel "pythonCode" and 1 and enters in the editor and clicks the Run button for stack TryEditor | PASSED | 0.450 s |
| 3 | Then the user should receive an error message in the alert window | PASSED | 0.003 s |

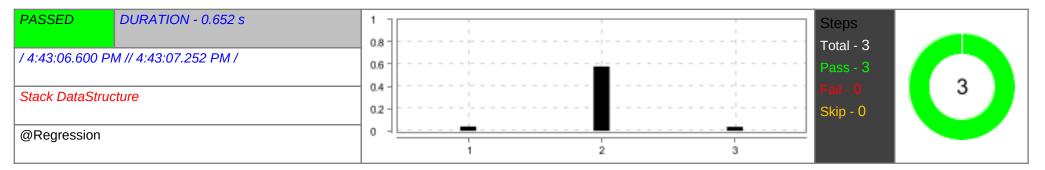
Display Output for Valid Python Code in Applications Page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given the user is on the TryEditor page in the Applications page | PASSED | 0.381 s |
| 2 | When the user enters valid python code from excel "pythonCode" and 0 and enters in the editor and clicks the Run button for | PASSED | 0.431 s |
| | stack TryEditor | | |
| 3 | Then the user should see the output displayed in the console | PASSED | 0.011 s |

Verify that user able to logout from the Stack data structure

DETAILED SECTION -- 59 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Stack data structure page | PASSED | 0.038 s |
| 2 | When The User clicks sign-out button. | PASSED | 0.577 s |
| 3 | Then The user should sign-out successfully. | PASSED | 0.035 s |

Tree

| PASSED | DURATION - 1 m 43.366 s | Scenarios Total - 69 | | Steps Total - 208 | |
|---------------------|-------------------------|----------------------|----|----------------------|-----|
| / 4:43:07.273 PM // | 4:44:50.639 PM / | Pass - 69 | 69 | Pass - 208 | 208 |
| | | Skip - 0 | | Skip - 0 | |

Verify that user is able to navigate to Tree data structure page

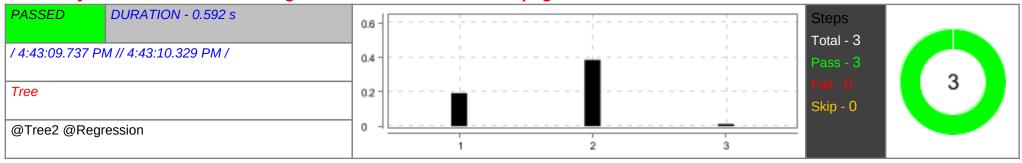
| PASSED | DURATION - 2.457 s | 2 - | Steps | |
|-----------------|-----------------------|-------|-----------|---|
| | | 1.5 - | Total - 4 | |
| / 4:43:07.273 P | M // 4:43:09.730 PM / | 1 - | Pass - 4 | |
| Tree | | 0.5 | Fail - 0 | 4 |
| | | 0.5 | Skip - 0 | |
| @Tree1 @Reg | ression | 0 - | 1 2 3 4 | |
| | | | 1 2 3 4 | |

| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Home page after Sign in | PASSED | 1.345 s |
| 2 | When The user clicks the Getting Started button in Tree Panel | PASSED | 0.736 s |

DETAILED SECTION -- 60 --

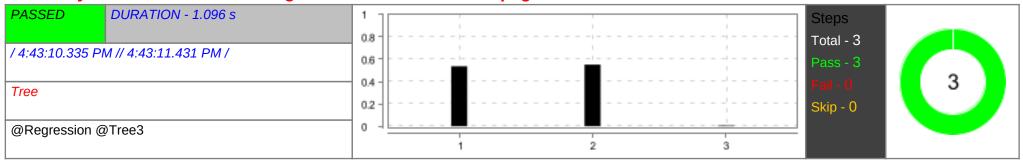
| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 3 | And The user select Tree item from the drop down menu | PASSED | 0.367 s |
| 4 | Then The user be directed to Tree Data Structure Page | PASSED | 0.007 s |

Verify that user is able to navigate to Tree Data Structures page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Home page after signed in | PASSED | 0.193 s |
| 2 | When The user selects Tree item from the drop-down menu | PASSED | 0.386 s |
| 3 | Then The user should land on the Tree Data Structure page | PASSED | 0.012 s |

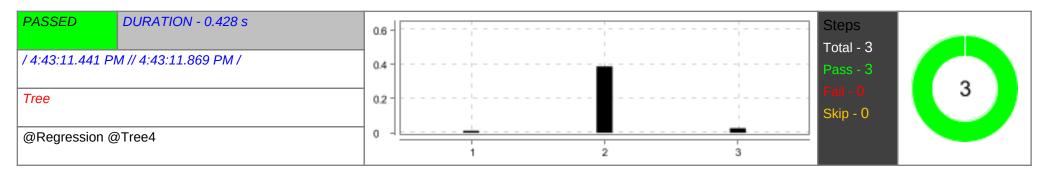
Verify that user is able to navigate to Overview of Trees page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.537 s |
| 2 | When The user clicks Overview of Trees link | PASSED | 0.552 s |
| 3 | Then The user should be redirected to Overview of Trees page | PASSED | 0.006 s |

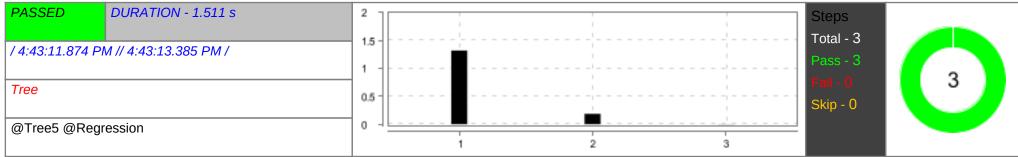
Verify that user is able to navigate to try Editor page for Overview of Trees page

DETAILED SECTION -- 61 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Overview of Trees page | PASSED | 0.011 s |
| 2 | When The user clicks Try Here button in the Overview of Trees page | PASSED | 0.388 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test. | PASSED | 0.027 s |

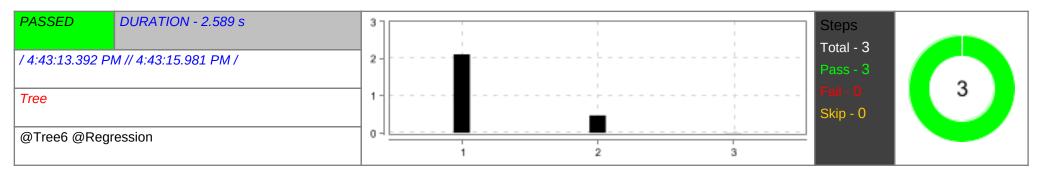
Verify that user receives error when click on Run button without entering code in Overview of Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page. | PASSED | 1.320 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor. | PASSED | 0.186 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

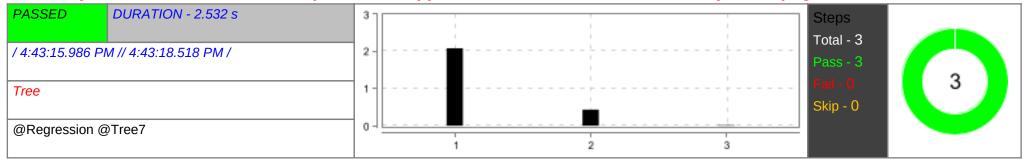
Verify that user receives error for invalid python code in Overview of Trees TryEditor page

DETAILED SECTION -- 62 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 2.117 s |
| | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.466 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

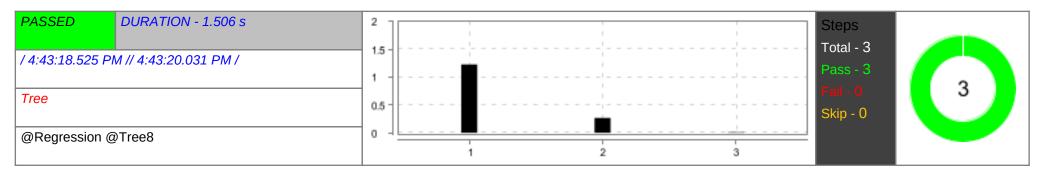
Verify that user is able to see output for valid python code in Overview of Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 2.082 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.433 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.014 s |

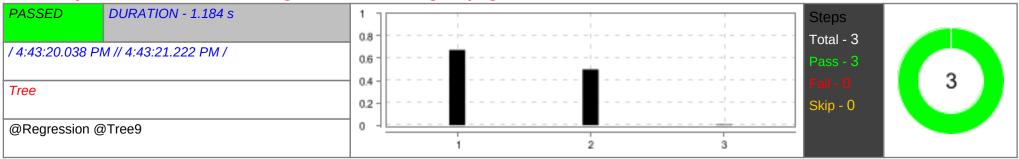
Verify that user is able to navigate to Practice Questions in the Trees Data Structure page

DETAILED SECTION -- 63 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree page after signing in | PASSED | 1.229 s |
| 2 | When The user clicks Practice Questions link of the Tree data structure | PASSED | 0.266 s |
| 3 | Then The user should be redirected to Practice page of the Tree data structure | PASSED | 0.010 s |

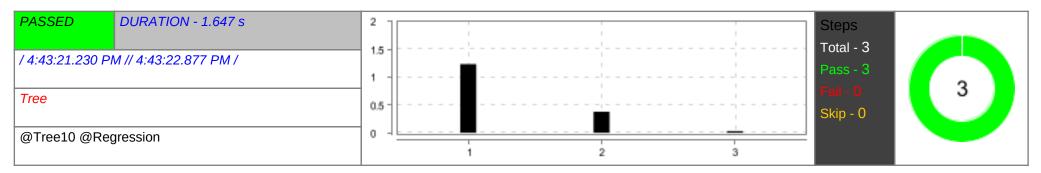
Verify that user is able to navigate to Terminologies page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.674 s |
| 2 | When The user clicks Terminologies link | PASSED | 0.500 s |
| 3 | Then The user should be redirected to Terminologies page | PASSED | 0.006 s |

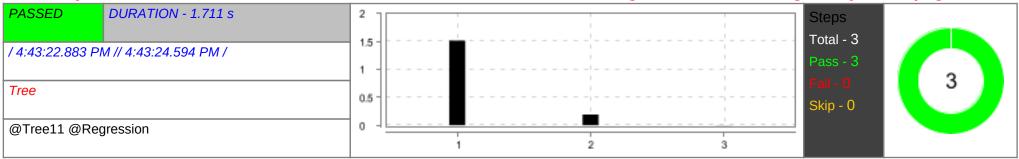
Verify that user is able to navigate to try Editor page for Terminologies page

DETAILED SECTION -- 64 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Terminologies page | PASSED | 1.236 s |
| 2 | When The user clicks Try Here button in the Terminologies page | PASSED | 0.378 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.029 s |

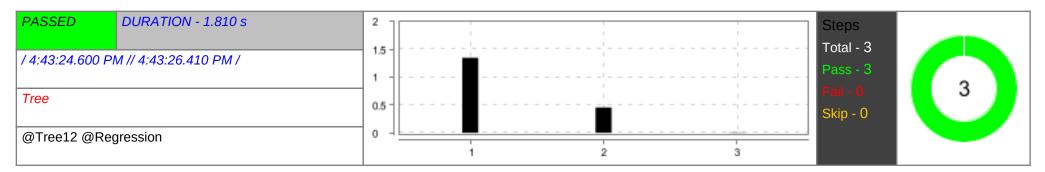
Verify that user receives error when click on Run button without entering code in Terminologies TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.516 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.190 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

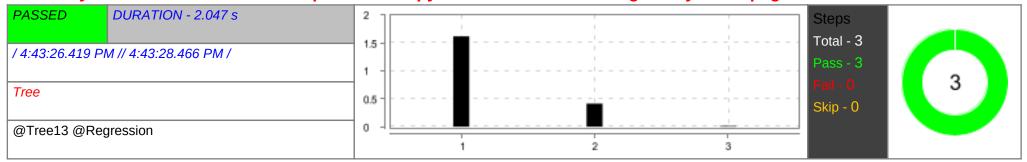
Verify that user receives error for invalid python code in Terminologies TryEditor page

DETAILED SECTION -- 65 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.350 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.454 s |
| 3 | Then The user should see an error message in an pop-up alert box | PASSED | 0.005 s |

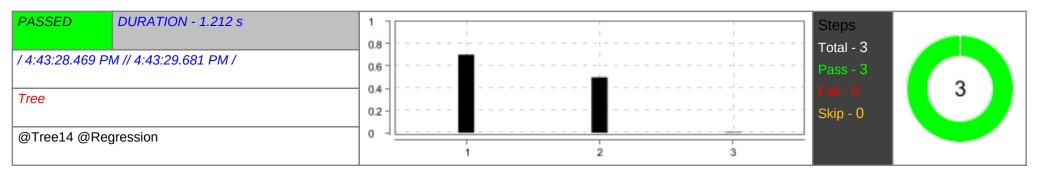
Verify that user is able to see output for valid python code in Terminologies TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.618 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.415 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.012 s |

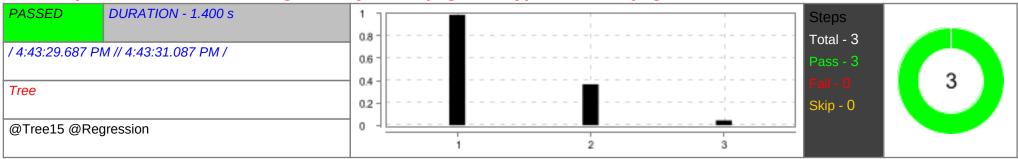
Verify that user is able to navigate to Types of Trees page

DETAILED SECTION -- 66 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.703 s |
| 2 | When The user clicks Types of Trees link | PASSED | 0.499 s |
| 3 | Then The user should be redirected to Types of Trees page | PASSED | 0.006 s |

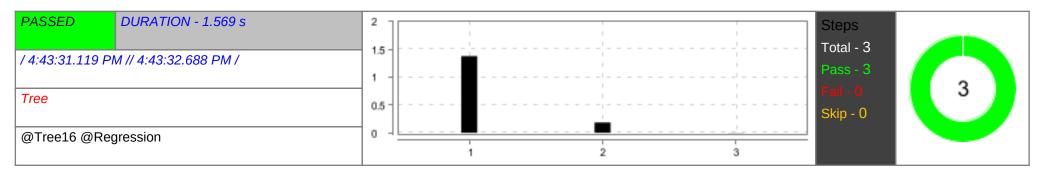
Verify that user is able to navigate to try Editor page for Types of Trees page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Types of Trees page | PASSED | 0.988 s |
| 2 | When The user clicks Try Here button in the Types of Trees page | PASSED | 0.366 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.043 s |

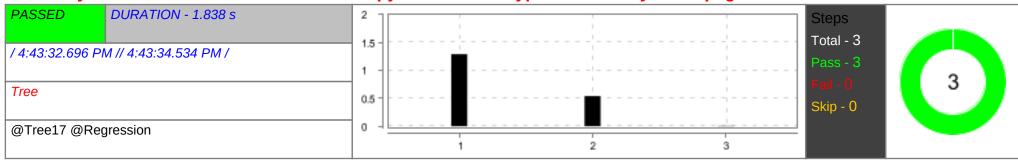
Verify that user receives error when click on Run button without entering code in Types of Trees TryEditor page

DETAILED SECTION -- 67 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.378 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.185 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

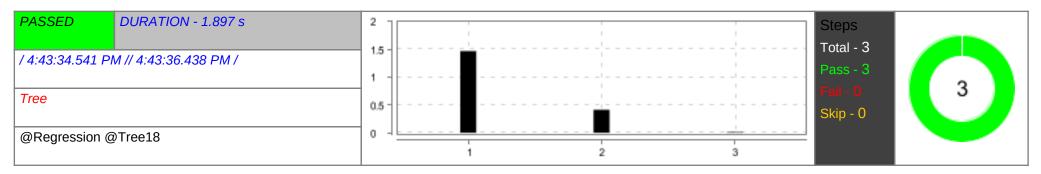
Verify that user receives error for invalid python code in Types of Tree TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.290 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.540 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.005 s |

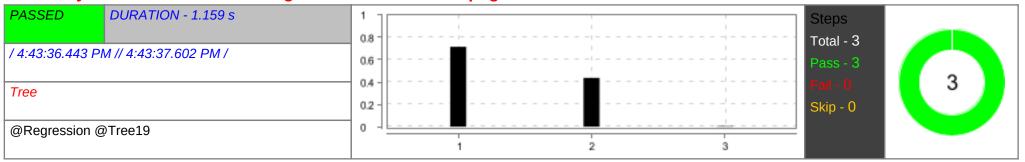
Verify that user is able to see output for valid python code in Types of Trees TryEditor page

DETAILED SECTION -- 68 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.469 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.415 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

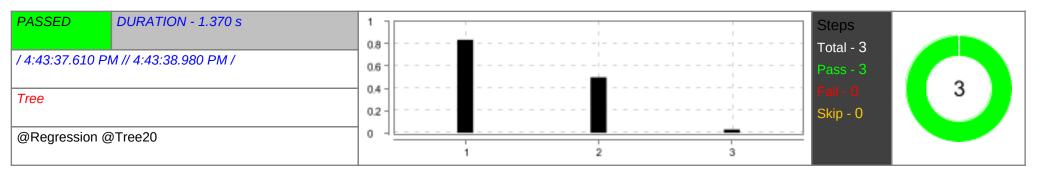
Verify that user is able to navigate to Tree Traversal page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.716 s |
| 2 | When The user clicks Tree Traversal link | PASSED | 0.437 s |
| 3 | Then The user should be redirected to Tree Traversal page | PASSED | 0.004 s |

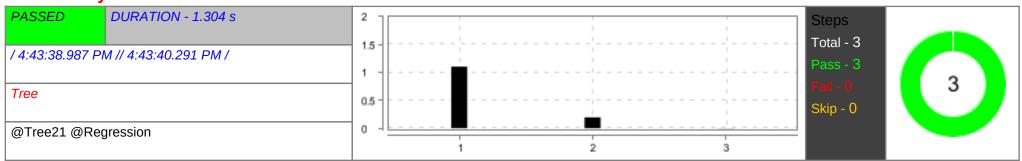
Verify that user is able to navigate to try Editor page for Tree Traversal page

DETAILED SECTION -- 69 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Traversal page | PASSED | 0.836 s |
| 2 | When The user clicks Try Here button in the Tree Traversal page | PASSED | 0.499 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.030 s |

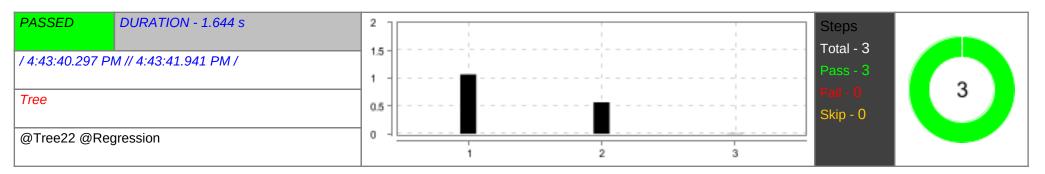
Verify that user receives error when click on Run button without entering code in Tree Travesal TryEditor page for Tree Tryeditor



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Try Editor page | PASSED | 1.104 s |
| 2 | When The user clicks the Run button without entering code in the Editor | PASSED | 0.194 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

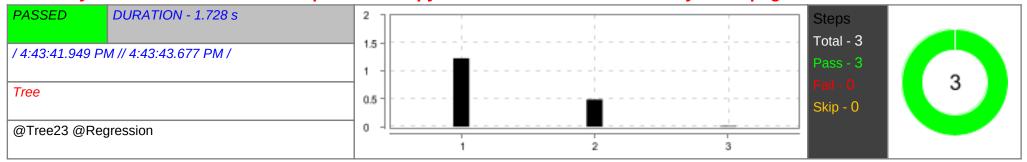
Verify that user receives error for invalid python code in Tree Traversal TryEditor page

DETAILED SECTION -- 70 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.068 s |
| | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.566 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.007 s |

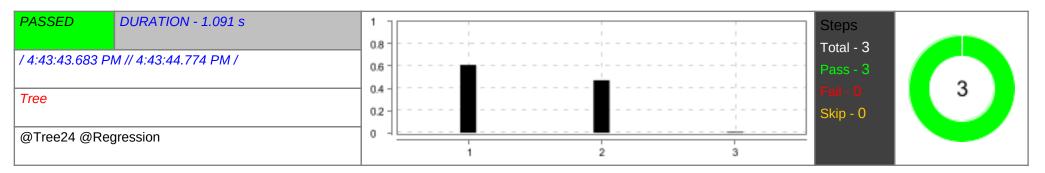
Verify that user is able to see output for valid python code in Tree Traversal TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.227 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.487 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.013 s |

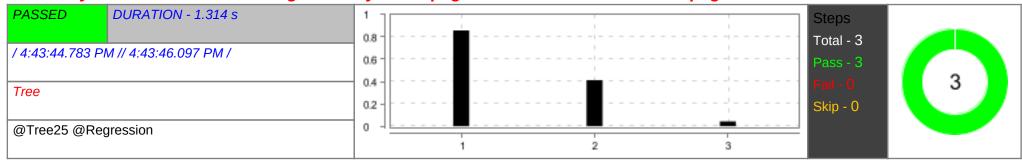
Verify that user is able to navigate to Traversals-Illustration page

DETAILED SECTION -- 71 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.610 s |
| 2 | When The user clicks Traversals-Illustration link | PASSED | 0.472 s |
| 3 | Then The user should be redirected to Traversals-Illustration page | PASSED | 0.007 s |

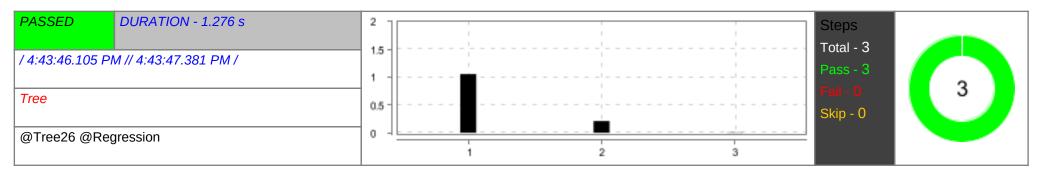
Verify that user is able to navigate to TryEditor page for Traversals-Illustration page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Traversals-Illustration page | PASSED | 0.858 s |
| 2 | When The user clicks Try Here button in the Traversals-Illustration page | PASSED | 0.412 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.042 s |

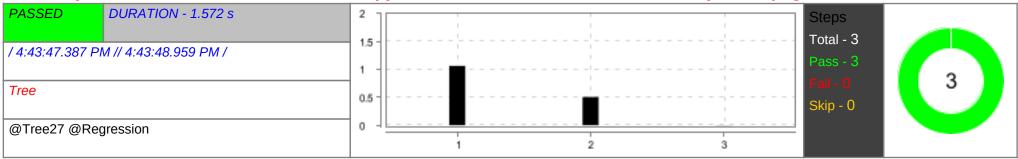
Verify that user receives error when click on Run button without entering code in Traversals-Illustration TryEditor page

DETAILED SECTION -- 72 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.055 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.212 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.005 s |

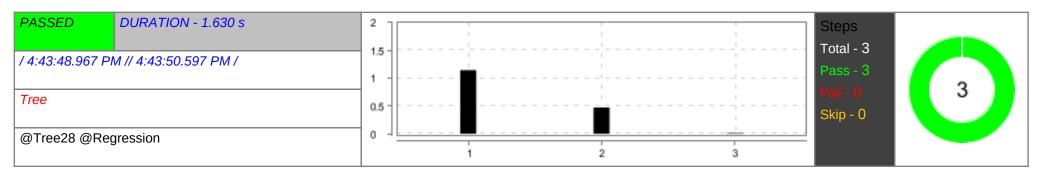
Verify that user receives error for invalid python code in Traversals-Illustration TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.063 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.503 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

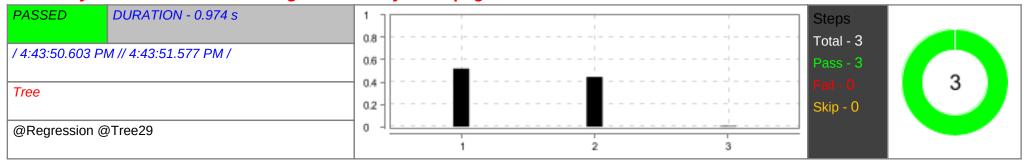
Verify that user is able to see output for valid python code in Traversals-Illustration TryEditor page

DETAILED SECTION -- 73 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.144 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.472 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.012 s |

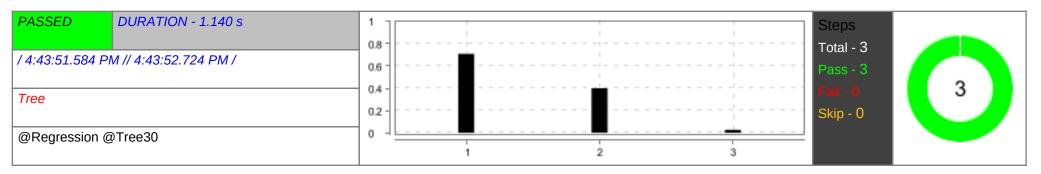
Verify that user is able to navigate to Binary trees page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.520 s |
| 2 | When The user clicks Binary trees link | PASSED | 0.446 s |
| 3 | Then The user should be redirected to Binary trees page | PASSED | 0.006 s |

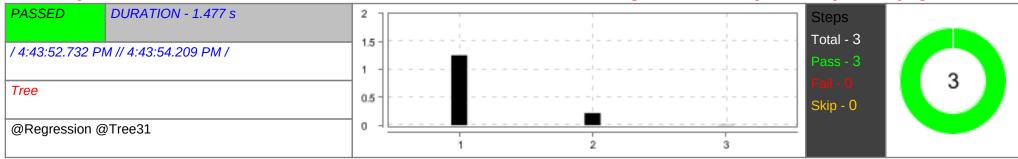
Verify that user is able to navigate to try Editor page for Binary trees page

DETAILED SECTION -- 74 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary trees page | PASSED | 0.709 s |
| 2 | When The user clicks Try Here button in the Binary trees page | PASSED | 0.401 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.027 s |

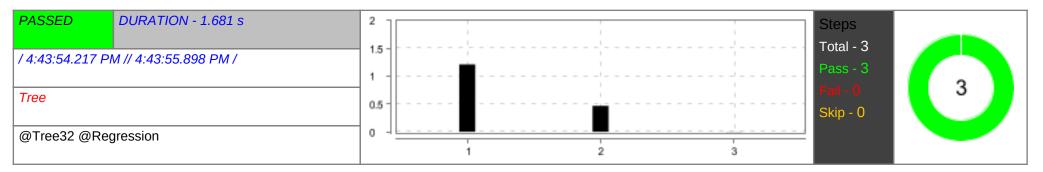
Verify that user receives error when click on Run button without entering code in Binary trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.252 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.217 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.006 s |

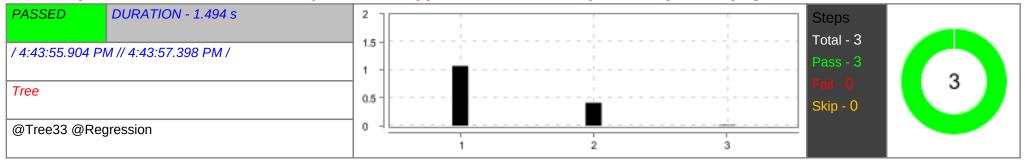
Verify that user receives error for invalid python code in Binary trees TryEditor page

DETAILED SECTION -- 75 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.211 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.465 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

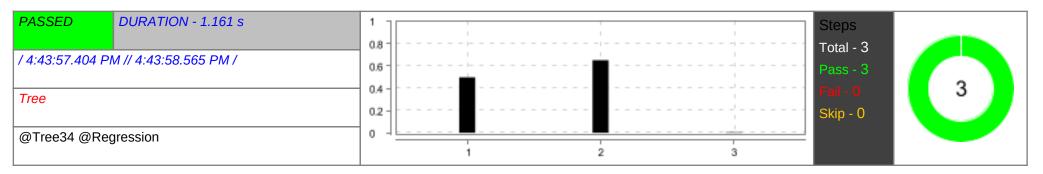
Verify that user is able to see output for valid python code in Binary trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.071 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.410 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

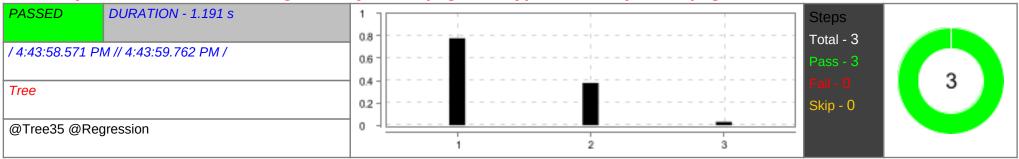
Verify that user is able to navigate to Types of Binary trees page

DETAILED SECTION -- 76 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.499 s |
| 2 | When The user clicks Types of Binary trees link | PASSED | 0.653 s |
| 3 | Then The user should be redirected to Types of Binary trees page | PASSED | 0.005 s |

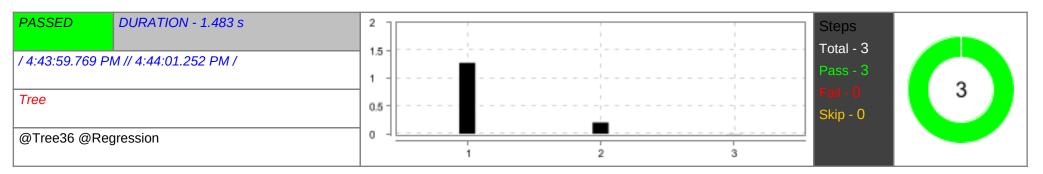
Verify that user is able to navigate to try Editor page for Types of Binary Trees page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Types of Binary Trees page | PASSED | 0.778 s |
| 2 | When The user clicks Try Here button in the Types of Binary Trees page | PASSED | 0.379 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.029 s |

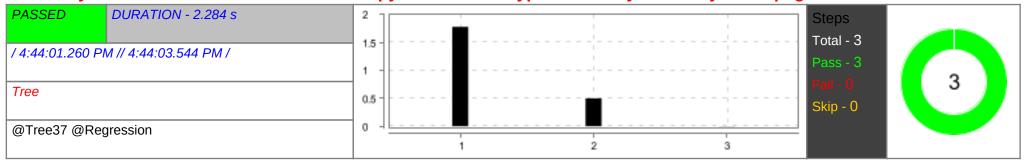
Verify that user receives error when click on Run button without entering code in Types of Binary Trees TryEditor page

DETAILED SECTION -- 77 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Try Editor page | PASSED | 1.276 s |
| 2 | When The user clicks the Run button without entering code in the Editor | PASSED | 0.202 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

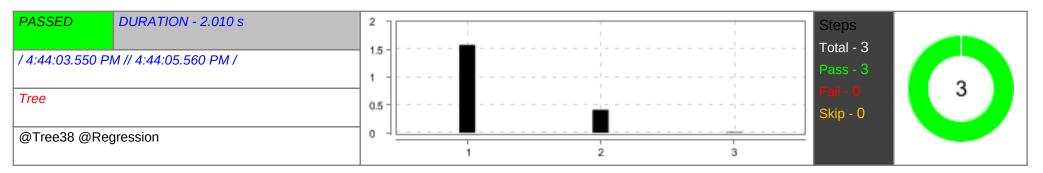
Verify that user receives error for invalid python code in Types of Binary Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.780 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.498 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

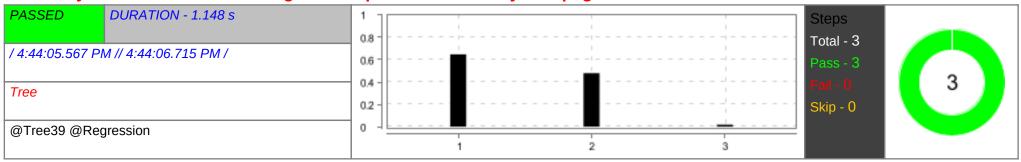
Verify that user is able to see output for valid python code in Types of Binary Trees TryEditor page

DETAILED SECTION -- 78 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.582 s |
| | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.415 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

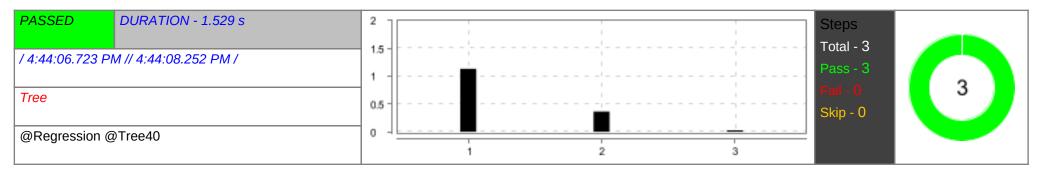
Verify that user is able to navigate to Implementation in Python page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.648 s |
| 2 | When The user clicks Implementation in Python link | PASSED | 0.480 s |
| 3 | Then The user should be redirected to Implementation in Python page | PASSED | 0.018 s |

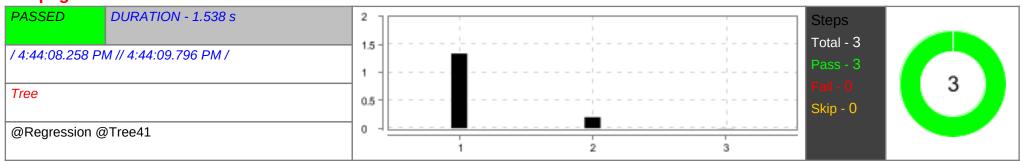
Verify that user is able to navigate to try Editor page for Implementation in Python page

DETAILED SECTION -- 79 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation in Python page | PASSED | 1.133 s |
| 2 | When The user clicks Try Here button in the Implementation in Python page | PASSED | 0.365 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.027 s |

Verify that user receives error when click on Run button without entering code in Implementation in Python TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.336 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.196 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

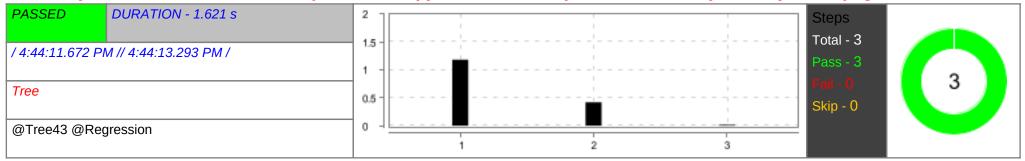
Verify that user receives error for invalid python code in Implementation in Python TryEditor page

DETAILED SECTION -- 80 -

| PASSED | DURATION - 1.865 s | 2 - | Steps | |
|------------------|------------------------|-------|-----------|--|
| / A:AA:00 801 D | M // 4:44:11.666 PM / | 1.5 - | Total - 3 | |
| 7 4.44.09.801 F1 | W // 4.44.11.000 F W / | 1 - | Pass - 3 | |
| Tree | | 0.5 - | Fail - 0 | |
| @Regression @ | Tree42 | 0 - | Skip - 0 | |
| | | | 1 2 3 | |

| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.397 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.462 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

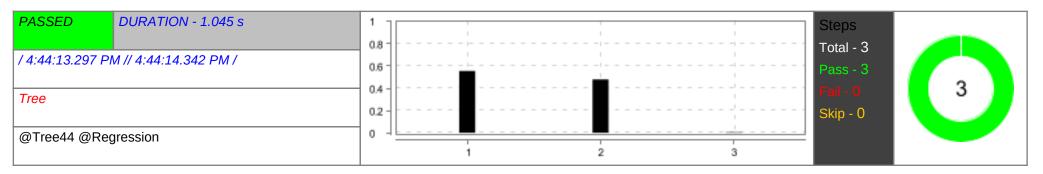
Verify that user is able to see output for valid python code in Implementation in Python TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is on the TryEditor page | PASSED | 1.183 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.420 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.016 s |

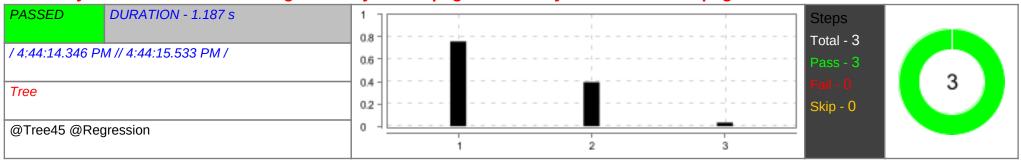
Verify that user is able to navigate to Binary Tree Traversals page

DETAILED SECTION -- 81 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Tree Data Structure page after signing in | PASSED | 0.555 s |
| 2 | When The user clicks Binary Tree Traversals link | PASSED | 0.480 s |
| 3 | Then The user should be redirected to Binary Tree Traversals page | PASSED | 0.005 s |

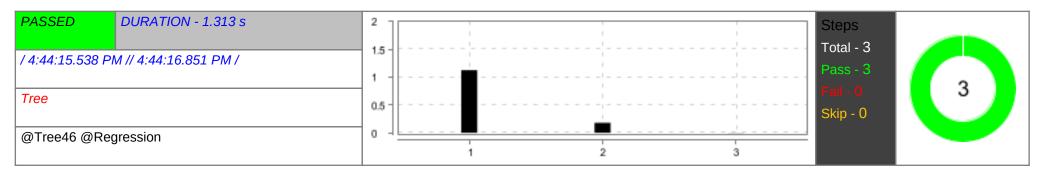
Verify that user is able to navigate to Try Editor page for Binary Tree Traversals page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary Tree Traversals page | PASSED | 0.760 s |
| 2 | When The user clicks the Try Here button | PASSED | 0.394 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.032 s |

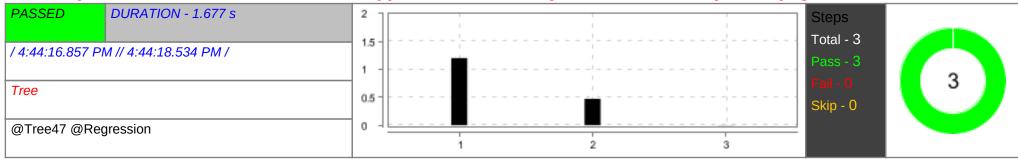
Verify that user receives error when click on Run button without entering code in Binary Tree Traversals TryEditor page

DETAILED SECTION -- 82 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals | PASSED | 1.126 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.180 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

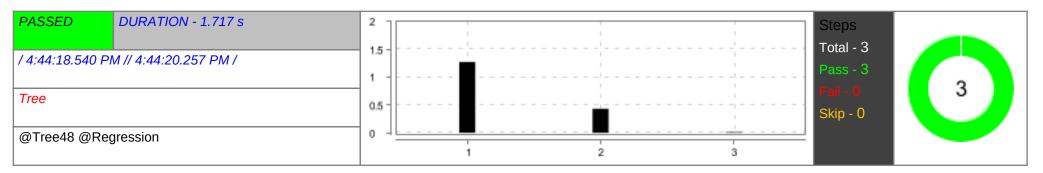
Verify that user receives error for invalid python code in Binary Tree Traversals TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals | PASSED | 1.201 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.471 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

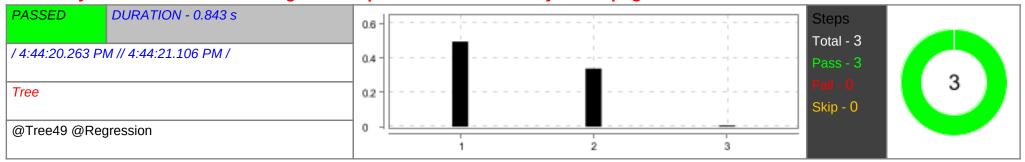
Verify that user is able to see output for valid python code in Binary Tree Traversals TryEditor page

DETAILED SECTION -- 83 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Tree Traversals | PASSED | 1.273 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.432 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

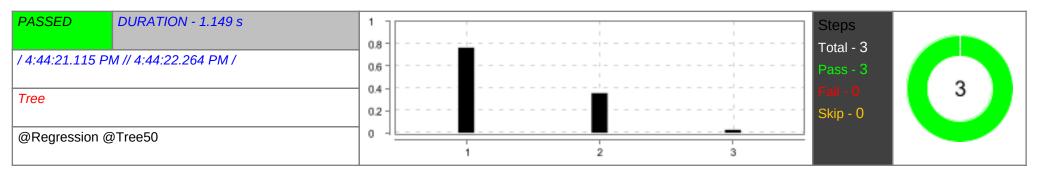
Verify that user is able to navigate to Implementation of Binary Trees page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in | PASSED | 0.496 s |
| 2 | When The user clicks the Implementation of Binary Trees link | PASSED | 0.338 s |
| 3 | Then The user should be redirected to the Implementation of Binary Trees page | PASSED | 0.007 s |

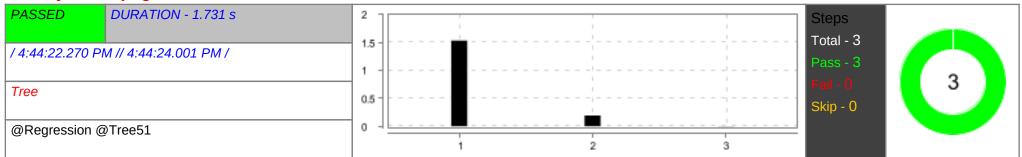
Verify that user is able to navigate to try Editor page for Implementation of Binary Trees page

DETAILED SECTION -- 84 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation of Binary Trees page | PASSED | 0.765 s |
| 2 | When The user clicks the Try Here button | PASSED | 0.356 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.027 s |

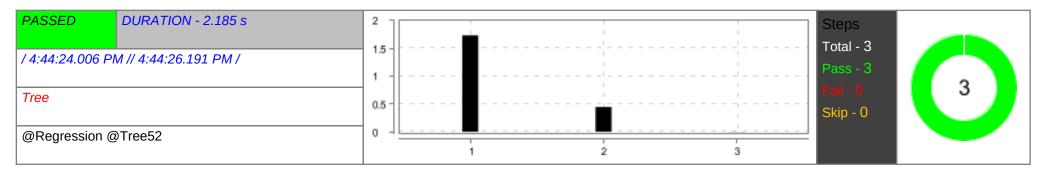
Verify that user receives error when click on Run button without entering code in Implementation of Binary Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees | PASSED | 1.534 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.190 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

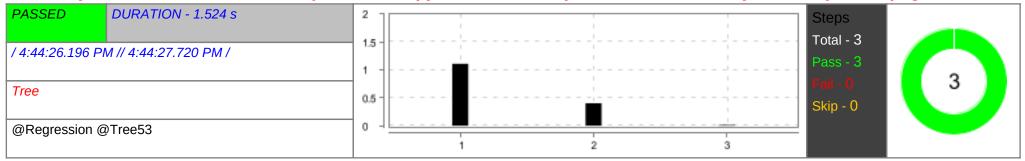
Verify that user receives error for invalid python code in Implementation of Binary Trees TryEditor page

DETAILED SECTION -- 85



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees | PASSED | 1.733 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.446 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.003 s |

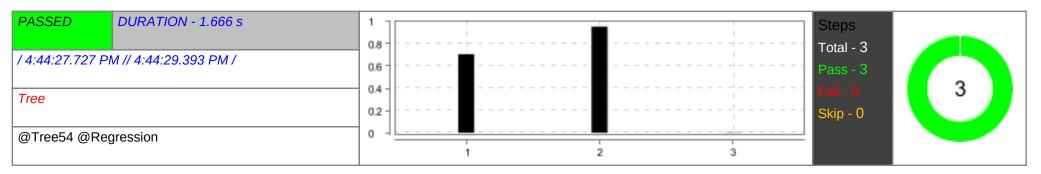
Verify that user is able to see output for valid python code in Implementation of Binary Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation of Binary Trees | PASSED | 1.109 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.402 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

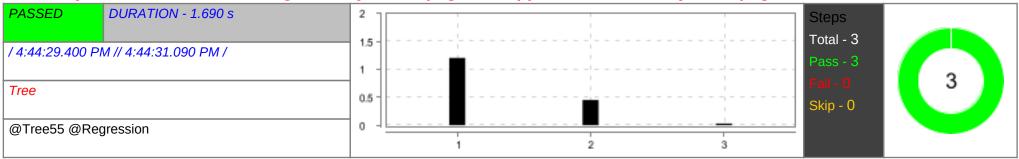
Verify that user is able to navigate to Applications of Binary trees page

DETAILED SECTION -- 86



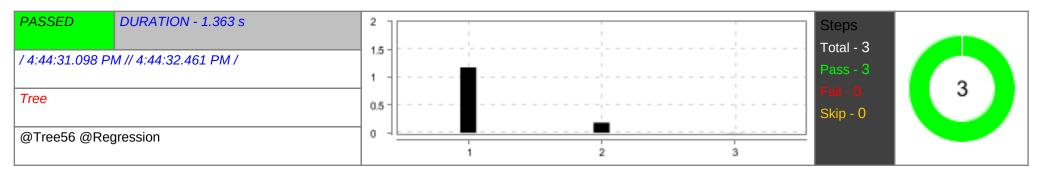
| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in | PASSED | 0.707 s |
| 2 | When The user clicks the Applications of Binary trees link | PASSED | 0.954 s |
| 3 | Then The user should be redirected to the Applications of Binary trees page | PASSED | 0.003 s |

Verify that user is able to navigate to try Editor page for Applications of Binary trees page



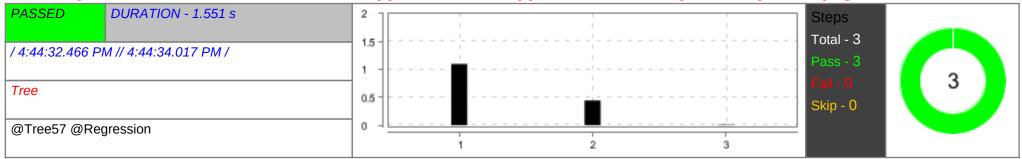
| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Applications of Binary trees page | PASSED | 1.206 s |
| 2 | When The user clicks the Try Here button | PASSED | 0.452 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.028 s |

Verify that user receives error when click on Run button without entering code in Applications of Binary trees TryEditor page DETAILED SECTION -- 87 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees | PASSED | 1.175 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.182 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

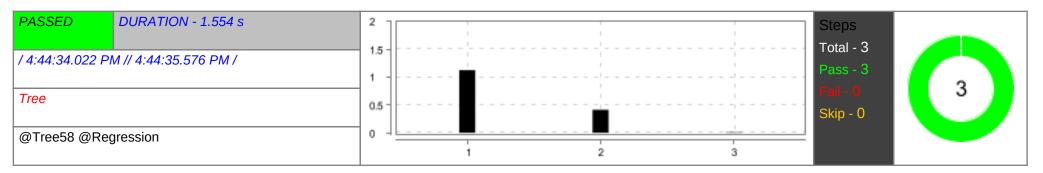
Verify that user receives error for invalid python code in Applications of Binary trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees | PASSED | 1.097 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.444 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.008 s |

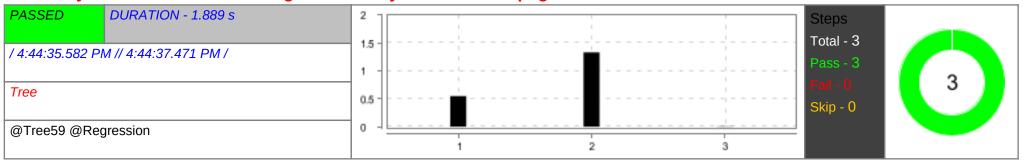
Verify that user is able to see output for valid python code in Applications of Binary trees TryEditor page

DETAILED SECTION -- 88 -



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Applications of Binary trees | PASSED | 1.125 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.414 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.010 s |

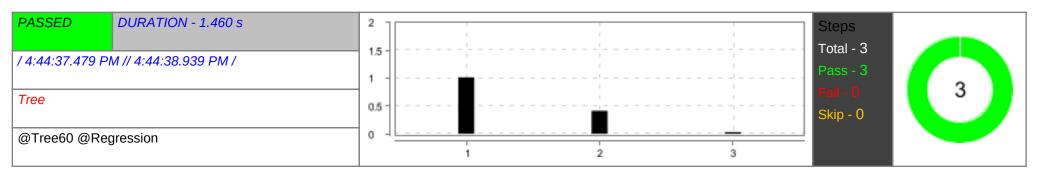
Verify that user is able to navigate to Binary Search Trees page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in | PASSED | 0.548 s |
| 2 | When The user clicks the Binary Search Trees link | PASSED | 1.331 s |
| 3 | Then The user should be redirected to the Binary Search Trees page | PASSED | 0.006 s |

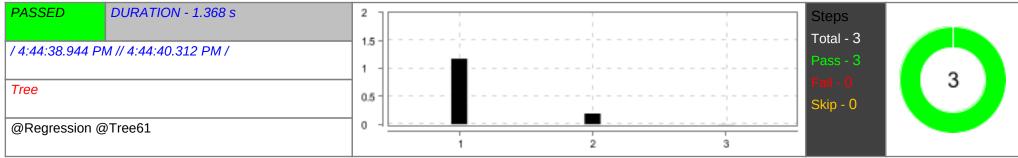
Verify that user is able to navigate to try Editor page for Binary Search Trees page

DETAILED SECTION -- 89 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Binary Search Trees page | PASSED | 1.014 s |
| 2 | When The user clicks the Try Here button | PASSED | 0.415 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.028 s |

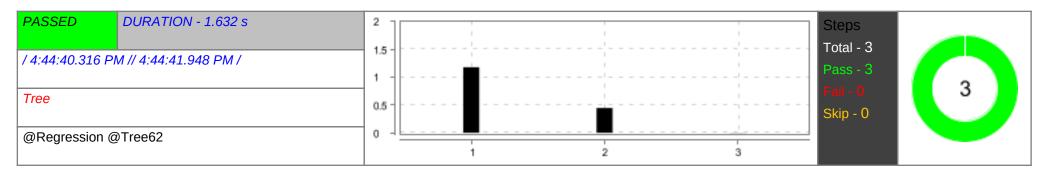
Verify that user receives error when click on Run button without entering code in Binary Search Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees | PASSED | 1.173 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.190 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

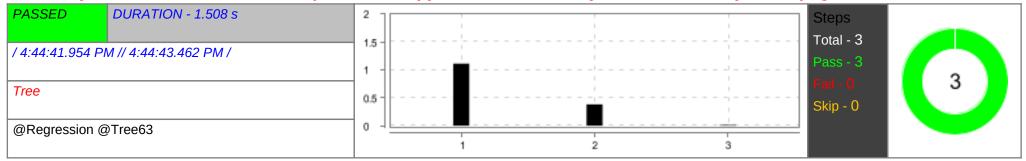
Verify that user receives error for invalid python code in Binary Search Trees TryEditor page

DETAILED SECTION -- 90 --



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees | PASSED | 1.179 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.446 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

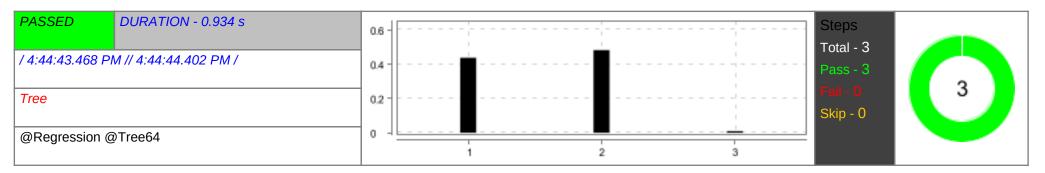
Verify that user is able to see output for valid python code in Binary Search Trees TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Binary Search Trees | PASSED | 1.112 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button | PASSED | 0.380 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see output in the Output console | PASSED | 0.011 s |

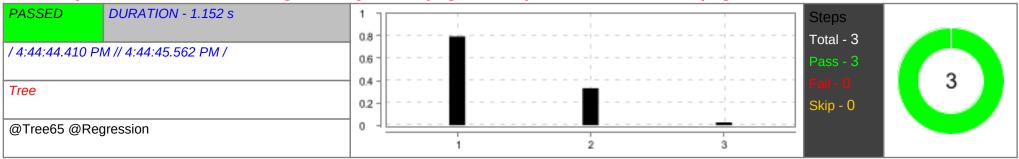
Verify that user is able to navigate to Implementation Of BST page

DETAILED SECTION -- 91 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page after sign in | PASSED | 0.438 s |
| 2 | When The user clicks the Implementation Of BST link | PASSED | 0.483 s |
| 3 | Then The user should be redirected to the Implementation Of BST page | PASSED | 0.010 s |

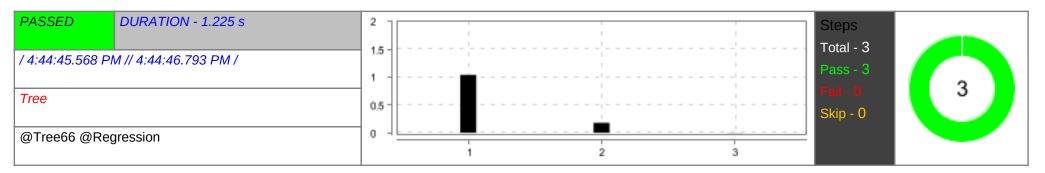
Verify that user is able to navigate to try Editor page for Implementation Of BST page



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is on the Implementation Of BST page | PASSED | 0.794 s |
| 2 | When The user clicks the Try Here button | PASSED | 0.332 s |
| 3 | Then The user should be redirected to a TryEditor page with a Run button to test | PASSED | 0.025 s |

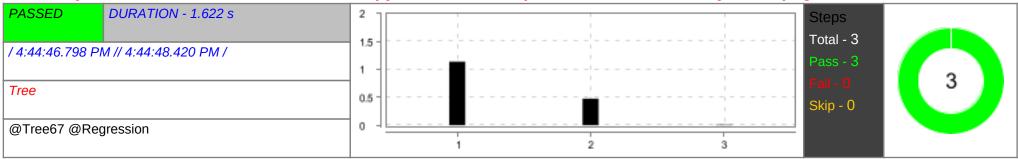
Verify that user receives error when click on Run button without entering code in Implementation Of BST TryEditor page

DETAILED SECTION -- 92 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST | PASSED | 1.041 s |
| 2 | When The user clicks the Run button without entering code in the TryEditor | PASSED | 0.178 s |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.004 s |

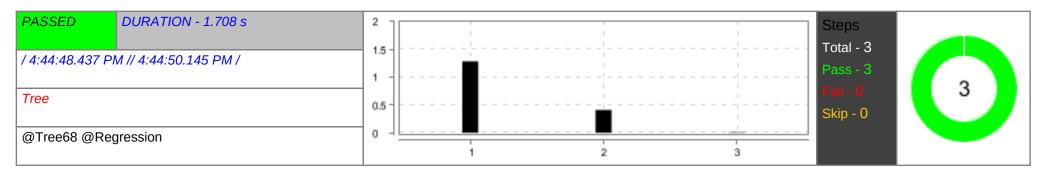
Verify that user receives error for invalid python code in Implementation Of BST TryEditor page



| # | Step / Hook Details | Status | Duration |
|---|---|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST | PASSED | 1.139 s |
| 2 | When The user reads the invalid python code from excel "pythonCode" and 1 and enters in the Editor and clicks on Run button | PASSED | 0.474 s |
| | for Tree Tryeditor | | |
| 3 | Then The user should see an error message in a pop-up alert box | PASSED | 0.008 s |

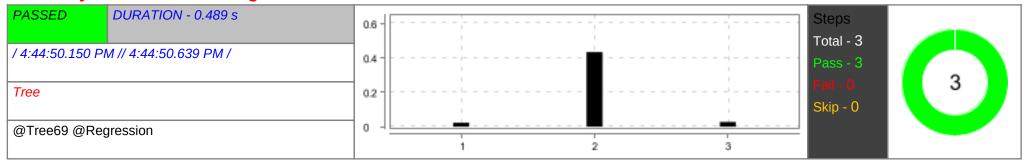
Verify that user is able to see output for valid python code in Implementation Of BST TryEditor page

DETAILED SECTION -- 93 --



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the TryEditor page for Implementation Of BST | PASSED | 1.283 s |
| 2 | When The user reads the valid python code from excel "pythonCode" and 0 and enters in the Editor and clicks on Run button for Tree Tryeditor | PASSED | 0.411 s |
| 3 | Then The user should see output in the Output console | PASSED | 0.009 s |

Verify that user able to logout from the Tree data structure



| # | Step / Hook Details | Status | Duration |
|---|--|--------|----------|
| 1 | Given The user is in the Tree data structure page | PASSED | 0.023 s |
| 2 | When The User clicks signout button from the Tree page | PASSED | 0.435 s |
| 3 | Then The user should Logged out successfully | PASSED | 0.028 s |