

Test Case	Feature	Description	Steps	Test Data	Expected Results	Actual Result	Status
1	textview	Text saying, "Excellent Job!" appears when perfect score is achieved	Answer all questions correctly on the challenge	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	"Excellent Job!" text appears	text appeared	Passed
2	textview	Text saying, "Nice job!" appears when score is at least 80% but not a perfect score	Make one mistake on the challenge	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	"Nice job!" text appears	text appeared	Passed
3	textview	Text saying, "An 80% or better is required to unlock the next lesson" appears when score is less than 80%	Make three mistakes on the challenge	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	"An 80 % or better is required to unlock the next lesson" text appears	text appeared	Passed
4	button	Back to Homepage button takes the user back to the Home Page	answer all the questions and complete the challenge, Hit Back to Homepage button. It takes you to the homepage	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	redirect to homepage	redirected to homepage	Passed
5	button	Hit next button for the last question, choices disappear and score appears	answer all the questions, Hit next for the last question, score should appear	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display score text	score text displayed	Passed
6	button	have no answer selected, hit submit button, toast message saying "No answer choice was selected" is displayed	no answer is selected, hit the submit button. toast message appears	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display toast message	toast message displayed	Passed
7	button	hit Repeat button to repeat a lesson	finish the challenge, hit repeat challenge, first question from the same lesson should appear	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display lesson's first question	lesson's first question displayed	Passed
8	answer	answer incorrectly three times, the next question button appears	pick and submit all the incorrect answers, next question button appears	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display next question button	next question button displayed	Passed
9	textview	Hit next button, the text changes to the next question	submit correct answer, Hit next button, the text changes to the next question	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices); questionSet = Library.getQuestions(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0);			
10	button	submit an incorrect answer, toast message saying "Incorrect" is displayed	submit incorrect answer. toast message is displayed	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display toast message	toast message displayed	Passed
11	button	submit a correct answer, the next question button appears	click the radio button with correct answer choice, click the submit answer button, next question button appears	answerChoiceSet = Library.getAnswerChoices(Library.Levels.SINGLE_DIMENSIONAL_ARRAYS, 0); answerChoicesGroup = mActivityTestRule.getActivity().findViewById(R.id.radioGroup_answerChoices);	display next question button	next question button displayed	Passed
12	button	hint	Hit the hint button. A hint shows up.	n/a	display hint text	hint text displayed	Passed