## Movie Quiz Black Box Test Plan

**Document Author:** Benjamin Zich

**Date:** 06/27/2016

## Introduction

The Movie Quiz program is a simple quiz program that allows the user to create and to take movie quizzes consisting of questions ranging in difficulty. The black box test plan describes tests file reading, taking the movie quiz from a correctly formatted file, adding questions to the movie trivia quiz, and writing the quiz questions to an .xml file.

The program is started by running the MovieQuizGUI class. To do this, if the user is using Eclipse, navigate to the MovieQuizGUI class in the package viewer. Right click on the MovieQuizGUI.java file and select the Run As > Java Application option.

## Shared Precondition for Tests 15 to 19:

Tests 15 to 19 all have the precondition that the file question1.xml exists and has correctly formatted questions. It has 3 standard questions, 4 elementary questions, and 2 advanced questions. The Question for the first Standard Question is "Standard Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", and the Answer is "d". The Question for the second Standard Question is "Standard Question 2", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", and the Answer is "c". The Question for the third Standard Question is "Standard Question 3", the choices are, respectively, "Choice b", "Choice c", and "Choice d", and the Answer is "a".

The Question for the first Elementary Question is "Elementary Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "d", and the Hint is "Here is a hint. The correct answer is d." The Question for the second Elementary Question is "Elementary Question 2", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "c", and the Hint is "Here is a hint. The correct answer is c."The Question for the third Elementary Question is "Elementary Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "a", and the Hint is "Here is a hint. The correct answer is a." The Question for the fourth Elementary Question is "Elementary Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "b", and the Hint is "Here is a hint. The correct answer is b."

The Question for the first Advanced Question is "Advanced Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "d", and the Comment is "Great work!" The Question for the second Advanced Question is "Advanced

Question 1", the choices are, respectively, "Choice a", "Choice b", "Choice c", and "Choice d", the Answer is "c", and the Comment is "Good job!"

The user has started the MovieTrivia program. The user has selected the file browser and browsed to the file location of the questions1.xml file and selected questions1.xml file. The user has selected the Open button and the initial GUI window has opened displaying options to Add Question, Take Quiz, and Quit.

Test ID	Description	Expected Results	Actual Results
1. fileDoesNotExist	Preconditions: The file noQuestions.xml does not exist  Start the MovieTrivia program. Enter noQuestions.xml into the Program file browser.  Select the Open button (check the result)  Press OK.	Error window: Invalid File  Program ends execution.	Error window: Invalid File  Program ends execution.
2. validFile	Preconditions: The file questions1.xml exists and has correctly formatted questions. It has 3 standard questions, 4 elementary questions, and 2 advanced questions.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions1.xml file. Select	Window with file browser appears.  Program GUI displays initial user window with options to add question, take quiz, or quit.  Programs quits without error.	Window with file browser appears.  Program GUI displays initial user window with options to add question, take quiz, or quit.  Programs quits without error.

	questions1.xml file. Click Open. (check result) Press Quit.		
3. invalidFile_misspelle d	Preconditions: The file questions2.xml exists and has a misspelled tag.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions2.xml file. Select questions2.xml file. Click Open. (check result)	Error window: Invalid File  Program ends execution.	Error window: Invalid File  Program ends execution.
4. invalidFile_missQues tionTag	Preconditions: The file questions3.xml exists and has a missing Question tag on a Standard Question.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions3.xml file. Select questions3.xml file. Click Open. (check result)  Select Quit.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.

5. invalidFile_missingC hoiceA	Preconditions: The file questions4.xml exists and has a missing ChoiceA tag on a Standard Question.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions4.xml file. Select questions4.xml file. Click Open. (check result)  Select Quit.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
6. invalidFile_missingC hoiceB	Preconditions: The file questions5.xml exists and has a missing ChoiceB tag on a Advanced Question.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions5.xml file. Select questions5.xml file. Click Open. (check result)	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.

7. invalidFile_missingC hoiceC	Preconditions: The file questions6.xml exists and has a missing ChoiceC tag on a Standard Question.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions6.xml file. Select questions6.xml file. Click Open. (check result)		
8. invalidFile_missingC hoiceD	Preconditions: The file questions7.xml exists and has a missing ChoiceD tag on a Standard Question.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions7.xml file. Select questions7.xml file. Click Open. (check result)		

9. invalidFile_missingAn swer	Preconditions: The file questions8.xml exists and has a missing Answer tag on a Standard Question.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions8.xml file. Select questions8.xml file. Click Open. (check result)		
10. invalidFile_missingHi nt	Preconditions: The file questions9.xml exists and has a missing Hint tag on an Elementary Question.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions9.xml file. Select questions9.xml file. Click Open. (check result)		

11. invalidFile_missingC omment	Preconditions: The file questions10.xml exists and has a missing Hint tag on an Advanced Question.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions10.xml file. Select questions10.xml file. Click Open. (check result)		
12. invalidAnswer_length	Preconditions: The file questions11.xml exists and has an invalid answer length of greater than 1 character.  Start the MovieTrivia program. Select the file browser and browse to the file location of the questions11.xml file. Select questions11.xml file. Click Open. (check result)	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.

13. invalidAnswer_chara cter	Preconditions: The file questions12.xml exists and has an invalid answer character T.	Error window: Invalid File: Question Exception  Program ends execution.	Error window: Invalid File: Question Exception  Program ends execution.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions12.xml file. Select questions12.xml file. Click Open. (check result)		
14. validFile_upperCase	Preconditions: The file questions13.xml exists and is the same as question1.xml but all answers are uppercase.	Window with file browser appears.  Program GUI displays initial user window with options to add question, take quiz, or quit.	Window with file browser appears.  Program GUI displays initial user window with options to add question, take quiz, or quit.
	Start the MovieTrivia program. Select the file browser and browse to the file location of the questions13.xml file. Select questions13.xml file. Click Open. (check result)	Programs quits without error.	Programs quits without error.

15. testStandardTransitio n - Advanced	Select Take Movie Quiz. (check result)	Displays first Standard Question.	Displays first Standard Question.
II - Advanced	Select Choice d. Press Submit Answer. (check result)	Message "Correct!" appears at bottom of window.	Message "Correct!" appears at bottom of window.
	Select Next Question. (check result)	Second Standard Question is displayed.	Second Standard Question is displayed.
	Select Choice c, press Submit Answer. (check result)	Message "Correct!" appears at bottom of window.	Message "Correct!" appears at bottom of window.
	Select Next Question (check result)	First Advanced Question is displayed.	First Advanced Question is displayed.
	Select Choice d, press Submit Answer. (check result)	Message "Correct! Great work!" appears at bottom of window.	Message "Correct! Great work!" appears at bottom of window.
	Select Next Question (check result)	Second Advanced Question is displayed.	Second Advanced Question is displayed.
	Select Choice c, press Submit Answer (check result)	Message "Correct! Good job!" appears at bottom of window.	Message "Correct! Good job!" appears at bottom of window.
	Select Next Question (check result)	Message window appears saying that you have answered 4 questions correctly	Message window appears saying that you have answered 4 questions correctly
	Click OK (check result)	out of 4 attempts	out of 4 attempts
		Initial window in GUI is displayed.	Initial window in GUI is displayed.
	Select Quit	Programs quits without error.	Programs quits without error.

16.	Select Take Movie	Displays first	Displays first
testStandardTransitio	Quiz (check result)	Standard Question	Standard Question
n - Elementary			
	Select Choice a,	Message "Incorrect!"	Message "Incorrect!"
	press Submit Answer	appears at bottom of	appears at bottom of
	(check result)	window.	window.
	Select Next Question	First Elementary	First Elementary
	(check result)	Question is	Question is
	(orlean result)	displayed.	displayed.
	Select choice a,	alopia, ou.	alopia you.
	press Submit Answer	Message "Incorrect!	Message "Incorrect!
	(check result)	Here is a hint. The	Here is a hint. The
	,	correct answer is d."	correct answer is d."
		appears at bottom of	appears at bottom of
		window.	window.
	Select Next Question		
	(check result)	First Elementary	First Elementary
		Question is	Question is
	Select Choice d,	displayed.	displayed.
	press Submit Answer		
	(check result)	Message "Correct!" is	Message "Correct!" is
		displayed at the	displayed at the
	Select Next Question	bottom of the	bottom of the
	(check result)	window.	window.
		The second	The second
	Select Choice a,	Elementary Question	Elementary Question
	press Submit Answer	is displayed.	is displayed.
	(check result)		
	,	Message "Incorrect!	Message "Incorrect!
		Here's a hint. The	Here's a hint. The
		correct answer is c."	correct answer is c."
	Press Next Question	is displayed at the	is displayed at the
	(check result)	bottom of the	bottom of the
		window.	window.
	Soloot Chaine a	The second	The second
	Select Choice a, press Submit Answer	Elementary Question	Elementary Question
	(check result)	is displayed.	is displayed.
	(Oncor result)	io dispiayed.	ιο αισριαγεα.
	Select Next Question	Message "Incorrect!"	Message "Incorrect!"
	(check result)	is displayed at the	is displayed at the
	, ,	bottom of the	bottom of the
	Select Choice a,	window.	window.
	press Submit Answer		
	(check result)	The third Elementary	The third Elementary
L	l	1	1

Select Next Question (check result)  Select Choice b, press Submit Answer (check result)  Select Next Question (check result)  Select Next Question (check result)  Select Choice a, press Submit Answer. (check result)  Select Choice a, press Submit Answer. (check result)  Select Rext Question (check result)  Select Next Question (check result)  The fourth Elementary Question is displayed.  Message "Correct!" is displayed.  Message "Correct!" is displayed.  Message "Correct!" is displayed.  The second Standard Question is displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed.  Message "Incorrect!" is displayed.	r	T		
Select Choice b, press Submit Answer (check result)  Select Next Question (check result)  Select Choice a, press Submit Answer. (check result)  Select Choice a, press Submit Answer. (check result)  Select Next Question (check result)  The fourth Elementary Question is displayed.  Message "Correct!" is displayed.  Message "Correct!" is displayed.  The second Standard Question is displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Message "Incorrect!" is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits  Programs quits				·
Check result)  Select Next Question (check result)  Select Choice a, press Submit Answer. (check result)  Select Next Question (check result)  The fourth Elementary Question is displayed.  Message "Correct!" is displayed.  The second Standard Question is displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Press OK (check result)  Message "Incorrect!" is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits  Programs quits		Select Choice b,	displayed at the bottom of the	displayed at the bottom of the
Select Next Question (check result)  Select Choice a, press Submit Answer. (check result)  Select Next Question (check result)  Select Next Question (check result)  The second Standard Question is displayed.  The second Standard Question is displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Press OK (check result)  Press OK (check result)  Initial window in GUI is displayed.  Programs quits  Elementary Question is displayed.  Message "Correct!" is displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.		I *		
press Submit Answer. (check result)  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Press OK (check result)  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  displayed.  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits  Programs quits			Elementary Question	Elementary Question
Select Next Question (check result)  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Press OK (check result)  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  The second Standard Question is displayed.  Message "Incorrect!" is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.		press Submit Answer. (check		_
is displayed at the bottom of the window.  Press OK (check result)  Select Quit (check result)  Initial window in GUI is displayed.  Programs quits  is displayed at the bottom of the window.  Message window pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits		Select Next Question	Question is	Question is
result)  Select Quit (check result)  Pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits  pops up and says that you answered 3 questions correctly out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Programs quits			is displayed at the bottom of the	is displayed at the bottom of the
result)  Out of 8 attempts.  Initial window in GUI is displayed.  Programs quits  Out of 8 attempts.  Initial window in GUI is displayed.  Programs quits		result)	pops up and says that you answered 3	pops up and says that you answered 3
is displayed. is displayed.  Programs quits Programs quits			·	•
				-

17. testAddQuestion	Select Add Questions (check result)  Select Take Movie Quiz (check result)	The add movie window is displayed, with drop down boxes for Question Type and Answer. Text entry boxes for the Question and	The add movie window is displayed, with drop down boxes for Question Type and Answer. Text entry boxes for the Question and
	Select the Elementary Question from the Question Type drop down menu. (check result).	choice fields.  A text field appears for Hint at the bottom of the window.	choice fields.  A text field appears for Hint at the bottom of the window.
	Enter "Test Elementary Question" in the Question field, "a" in Choice A, "b" in Choice B, "c" in Choice c, "d" in Choice d, and "The answer is a" in the Hint field. Select "A" from the Answer drop down menu. Select Add. (check result)	The text fields clear out.	The text fields clear out.
	Select Standard Question from the Question Type drop down menu. (check result)	The Hint text field disappears.	The Hint text field disappears.
	Enter "Test Standard Question" into the Question field, "a" into Choice a, "b" into Choice b, "c" into Choice c, "d" into Choice d, and select "A" from the Answer drop down menu. Select Add. (check result)	The text fields clear out.	The text fields clear out.

Select Advanced Question from the Question Type drop down menu.(check result)	The Comment text field appears at the bottom of the window.	The Comment text field appears at the bottom of the window.
Enter "Test Advanced Question" into the Question field, "a" into Choice a, "b" into Choice b, "c" into Choice c, "d" into Choice d, "Good work!" into the Comment field, and choose "A" from the Answer drop down menu. Select Add. (check result)	The text fields clear out.	The text fields clear out.
Select Done (check result)	The initial menu for the GUI appears.	The initial menu for the GUI appears.
Select Take Movie Quiz (check result)	The first Standard Question is displayed.	The first Standard Question is displayed.
Select Choice d, press Submit Answer (check result)	Message "Correct!" appears at the bottom of the window.	Message "Correct!" appears at the bottom of the window.
Select Next Question (check result)	The second Standard	The second Standard
Select Choice a, select Submit Answer (check result)	Question is displayed.	Question is displayed.
Select Next Question (check result)	"Incorrect" is displayed at the bottom of the window.	"Incorrect" is displayed at the bottom of the window.
Select Choice a, press Submit Answer (check result)	the first Elementary Question is	the first Elementary Question is

	displayed.	displayed.
Select Next Question	Message "Incorrect!	Message "Incorrect!
(check result)	Here is a hint. The	Here is a hint. The
(orlean result)	correct answer is d."	correct answer is d."
Select Choice a,	is displayed.	is displayed.
press Submit Answer	10 and printy of an	is anoprosystan
(check result)	The first Elementary	The first Elementary
,	Question is	Question is
Select Next Question	displayed.	displayed.
(check result)		-
	Message "Incorrect!"	Message "Incorrect!"
Select Choice a,	is displayed at the	is displayed at the
press Submit Answer	bottom of the window	bottom of the window
(check result)		
	The second	The second
	Elementary Question	Elementary Question
Calaat Navt Ovaatian	is displayed.	is displayed.
Select Next Question	Massaga "Incorrect!	Magaga "Incorrecti
(check result)	Message "Incorrect! Here is a hint. The	Message "Incorrect! Here is a hint. The
Select Choice a,	correct answer is c."	correct answer is c."
press Submit Answer	is displayed.	is displayed.
(check result)	The second	The second
(Griddin roddin)	Elementary Question	Elementary Question
Select Next Question	is displayed.	is displayed.
(check result)	. ,	. ,
	Message "Incorrect!"	Message "Incorrect!"
	is displayed at the	is displayed at the
Select Choice b,	bottom of the window	bottom of the window
press Submit Answer		
(check result)	The third Elementary	The third Elementary
0-14 N + 0 = "	Question is	Question is
Select Next Question (check result)	displayed.	displayed.
(Gricon result)	Message "Incorrect!	Message "Incorrect!
	Here is a hint. The	Here is a hint. The
Select Choice b,	correct answer is a."	correct answer is a."
press Submit Answer	is displayed.	is displayed.
(check result)	, ,	
,	The third Elementary	The third Elementary
Select Next Question	Question is	Question is
(check result)	displayed.	displayed.
	Message "Incorrect!"	Message "Incorrect!"

Select Choice b, press Submit Answer (check result)	is displayed at the bottom of the window	is displayed at the bottom of the window
(orlook roduit)	The fourth	The fourth
Select Next Question	Elementary Question	Elementary Question
(check result)	is displayed.	is displayed.
(Gricok result)	is displayed.	is displayed.
Select a, press		
Submit Answer	Message "Correct!" is	Message "Correct!" is
(check result)	displayed at the	displayed at the
(one on roodit)	bottom of the window	bottom of the window
Select Next Question	bottom of the window	bottom of the window
(check result)	Test Elementary	Test Elementary
(one on recall)	Question is	Question is
Select Choice a,	displayed.	displayed.
press Submit Answer	a.opia,oa.	a.opia,oa.
(check result)	Message "Correct!" is	Message "Correct!" is
(one on recall)	displayed at the	displayed at the
Select Next Question (check result)	bottom of the window	bottom of the window
(oncorreduit)	The third Standard	The third Standard
	Question is	Question is
Select Choice a,	displayed.	displayed.
press Submit Answer	alopiayou.	alopiayou.
(check result)	Message "Correct!" is	Message "Correct!" is
(one on recall)	displayed at the	displayed at the
Select Next Question	bottom of the window	bottom of the window
(check result)	bottom of the window	bottom of the window
(one on roodit)	Test Standard	Test Standard
Select Choice d,	Question is	Question is
press Submit Answer	displayed.	displayed.
(check result)	diopiayed.	diopiayed.
(5.100.1.100011)		
Select Next Question	Message "Correct!" is	Message "Correct!" is
(check result)	displayed at the	displayed at the
(Giroon roodin)	bottom of the window	bottom of the window
Select Choice c,	The first Advanced	The first Advanced
press Submit Answer	Question is	Question is
(check result)	displayed.	displayed.
( - · · · · · · · · · · · · · · · · · ·		<del> </del>
	Message "Correct!	Message "Correct!
	Great work!" is	Great work!" is
Select Next Question	displayed at the	displayed at the
(check result)	bottom of the window	bottom of the window
(3.700.1.000.1.)		
Select a, press	The second	The second
, i		

T		1
Submit Answer (check result)	Advanced Question is displayed.	Advanced Question is displayed.
Select Next Question (check result)	Message "Correct! Good job!" is displayed at the bottom of the window	Message "Correct! Good job!" is displayed at the bottom of the window
Select OK. Click Add	Test Advanced Question is displayed	Test Advanced Question is displayed
Questions. Select Advanced Question from the Question Type drop down menu. Enter "Test	Message "Correct! Good work!" is displayed at the bottom of the window	Message "Correct! Good work!" is displayed at the bottom of the window
Advanced Question 2" into the Question field, "a" into Choice A, "b" into Choice B, "c" into Choice C, "d" into Choice D, select "B" from the Answer drop down menu, and "Yay!" into the Comment field. Press Add (check result)	Window pops up saying you have answered 8 questions correctly out of 15 attempts	Window pops up saying you have answered 8 questions correctly out of 15 attempts
Press Done. (check result)		
Select Take Movie Quiz (check result)	Text fields clear out.	Text fields clear out.
Select b, press Submit Answer (check result)		
Select Next Question	Initial GUI window is displayed	Initial GUI window is displayed
	Test Advanced Question 2 is	Test Advanced Question 2 is

	Press OK (check result) Select Quit.	displayed.  Message "Correct! Yay!" is displayed at the bottom of the window.  Window pops up saying that you answered 9 questions correctly out of 16 attempts.	displayed.  Message "Correct! Yay!" is displayed at the bottom of the window.  Window pops up saying that you answered 9 questions correctly out of 16 attempts.
		Displays initial GUI window.	Displays initial GUI window.
		Programs quits without error.	Programs quits without error.
18. writeToFile	Select Add Questions  Select Advanced Question from the Question Type drop down menu. Put "Test Advanced Question" into the Question Field, "a" in Choice A, "b" in Choice b, "c" in Choice C, "d" in Choice d, select "A" in the Answer drop down menu, and put "Yay!" into the Comment field. Select Add (check result)  Select Standard Question from the Question Type drop down menu. Put "Test Standard Question" into the Question Field, "a" in Choice A, "b" in	Text fields clear out.	

Choice b, "c" in Choice C, "d" in Choice d, and select "C" in the Answer drop down menu. Select Add (check result)	Text fields clear out.	
Select Elementary Question from the Question Type drop down menu. Put "Test Elementary Question" into the Question Field, "a" in Choice A, "b" in Choice b, "c" in Choice C, "d" in Choice d, select "D" in the Answer drop down menu, and put "It's d" into the Hint field. Select Add (check result)	Text fields clear out.	
Select Write All. Type "testWriteFile.xml" into the text field. Select Open.  Check the save file location for the testWriteFile.xml.	File contains all the questions in questions1.xml, plus the questions that were added in this test under the correct question difficulty tags.	
	Programs quits without error.	
Select Quit.		

19. doneOption	Select Take Movie	First Standard Question is	
	Quiz	displayed.	
	Select Choice a,		
	press Submit Answer. (check	Message "Incorrect!"	
	result)	is displayed at bottom of window.	
	Select Next Question (check result)	First Elementary Question is displayed.	
	Select Choice d, press Submit answer.	Message "Correct!" is	
	Select Done	displayed at the bottom of the window.	
	Select Quit	Window pops up saying you answered 1 questions correctly out of 2 attempts.	
		Programs quits without error.	
20. cancelTest	Start MovieQuiz program.	File browser appears with option to enter filename or to cancel.	
	Select Cancel	Program quits without error.	

Date	Author	Change Description
06/09/2016	Benjamin Zich	Wrote the fileInBrowser, fileInConsole, and fileDoesNotExist
06/26/2016	Benjamin Zich	Rewrote tests made on 06/09/2016 and created tests 1 -20