Test Case:	1
Program:	Application Controller_Example
Description:	Test for X entry to quit program
Pre-condition:	Program is not already running and started for the first time

Step	Action	Expected System Response	Pass/Fail	Comment
1	Start program	System displays "Please enter your name (Q to quit):	Pass	
2	Enter "Q"	Program should quit	Pass	Program exited successfully

Test Case:	2
Program:	Application Controller_Example
Description:	Test for single character user name
Pre-condition:	Program is not already running and started for the first time

Step	Action	Expected System Response	Pass/Fail	Comment
1	Start program	System displays "Please enter your name (Q to quit):	Pass	
2	Enter "a"	Program should display "Invalid user name:The name must be greater than one character in length"	Pass	Message was displayed as expected and returned to prompt

Test Case:	3
Program:	Application Controller_Example
Description:	Test for valid user name
Pre-condition:	Program is not already running and started for the first time

Step	Action	Expected System Response	Pass/Fail	Comment
1	Start program	System displays "Please enter your name (Q to quit):	Pass	
2	Enter "test"	Program should display " Welcome to the Application Controller example **test**" and display the main menu	Pass	Message was displayed as expected and displayed main menu

Test Case:	4
Program:	Application Controller_Example
Description:	Test that number guesser menu opens
Pre-condition:	Program is already running and on the main menu

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter "N" on main menu	Number Guess view menu opens	Pass	Number menu opened successfully

Test Case:	5
Program:	Application Controller_Example
Description:	Test that number guesser menu opens
Pre-condition:	Program is already running and on the number guess menu

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter "a" on number guess menu	System should display "*** Invalid selection. Must be between 1 and 10. *** Try again"	Pass	Error message correctly displayed and returned to guess menu

Test Case:	6
Program:	Application Controller_Example
Description:	Test that number guesser menu opens
Pre-condition:	Program is already running and on the number guess menu

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter "25" on number guess menu	System should display "*** Invalid selection. Must be between 1 and 10. *** Try again"	Pass	Error message correctly displayed and returned to guess menu

Test Case:	7
Program:	Application Controller_Example
Description:	Test that number guesser menu opens
Pre-condition:	Program is already running and on the number guess menu (user does not select correct value)

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter "5" on number guess menu	System should display "Sorry, you guessed [5], but my number was [X]" if the number was not guessed	Pass	Message correctly displayed and returned to guess menu

Repeat step 1 if number was correctly guessed until an incorrect guess is returned

Test Case:	8
Program:	Application Controller_Example
Description:	Test that number guesser menu opens
Pre-condition:	Program is already running and on the number guess menu (user selects correct value)

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter "5" on number guess menu	System should display "Correct! You guessed my number." if the number was guessed	Pass	Message correctly displayed and returned to guess menu

Repeat step 1 if number was correctly guessed until a correct guess is returned