

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
getString	1	User enters 1 letter then presses enter	A\n	String = "A"	String = "A"	P
	2	User enters '\n'	\n	String = ""	String = ""	P
	3	User enters a series of letters until it hits the size limit	Size = 21 Abcdefghijk Lmnopqrstuv wxyz	String = Abcdefghijk lmnopqrst	String = Abcdefghijk lmnopqrst	P
getPassword	1	Enters backspace	"\b"	Terminal text doesn't get deleted	Terminal text doesn't get deleted	P
	2	Enters a letter then does a backspace	"A\b"	A gets deleted from the string	A gets deleted from the string	P
	3	Enters a series of letters then enter	abcdefg\n	Password entry will be abcdefg	Password entry will be abcdefg	P
regPassword	1	Enters same initial and confirming password	"abcdef" "abcdef"	Password will be abcdef	Password will be abcdef	P
	2	Initial and confirming password are different	"abcdef" "abcdefg"	There will be no string assigned to password	There will be no string assigned to password	P
passwordSequence	1	Password entry incorrect and tries again	isCorrect = 0, cInput = 'A' (means to try again)	Goes back to same password entry window	Goes back to same password entry window	P
	2	Password entry incorrect and doesn't try again	isCorrect = 0, cInput != 'A'	Goes back to main menu	Goes back to main menu	P
	3	Password entry is correct	Password = "12345" Entry = "12345"	Gets access to manageData	Gets access to manageData	P
displayRecord/ displayNumberedRecord	1	Displays the data from the quizRecord array	Parameters record, index 1	Displays the contents of record[1]	Displays the contents of record[1]	P

flushRecord	1	Deletes data from a whole struct array	Parameter quesRecord	quesRecord has no data, only garbage values	quesRecord has no data, only garbage values	P
getQues	1	Extracts questions of the same given topic and puts into another record array	Parameters quesRecord, and topic Mathematics	All Mathematics records will be put to quesRecord	All Mathematics records will be put to quesRecord	P
checkDupe	1	The given question and answer is unique from all existing records	Ques = "1+1?" Ans = "2" ExistingQues = "2+2?" ExistingAns = "4"	nDupe = 0	nDupe = 0	P
	2	The question already exists	Ques = "1+1?" Ans = "2" ExistingQues = "1+1?" ExistingAns = "square root of 4"	nDupe = 1	nDupe = 1	P
	3	The answer already exists	Ques = "1+1?" Ans = "2" ExistingQues = "1 * 2?" ExistingAns = "2"	nDupe = 1	nDupe = 1	P
addRecord	1	Newly added record is unique	Ques = "1+1?" Ans = "2" ExistingQues = "2+2?" ExistingAns = "4"	Record entry is recorded	Record entry is recorded	P
	2	Newly added record has same question from existing records	Ques = "1+1?" Ans = "2" ExistingQues = "1+1?" ExistingAns = "square root of 4"	Record entry is not recorded and displays existing record	Record entry is not recorded and displays existing record	P

	3	Newly added record has same answer from existing records	Ques = "1+1?" Ans = "2" ExistingQues = "1 * 2?" ExistingAns = "2"	Record entry is not recorded and displays existing record	Record entry is not recorded and displays existing record	P
getTopics	1					P
	2					P
	3					P
displayTopics	1					P
	2					P
	3					P
displayQuestions	1					P
	2					P
	3					P
editRecordComponent	1					P
	2					P
	3					P
editRecord	1					P
	2					P
	3					P
deleteRecord	1					P
	2					P
	3					P
readString	1					P
	2					P
	3					P
readRecord	1					P
	2					P
	3					P
importRecord	1					P
	2					P
	3					P
exportRecord	1					P
	2					P
	3					P
manageData	1					P
	2					P
	3					P
startQuiz	1					P
	2					P
	3					P
viewScore	1					P

Roimarc Bilbao

CCPROG S26B – TEST SCRIPT

	2					P
	3					P
playGame	1					P
	2					P
	3					P
mainMenu	1					P
	2					
	3					