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Assignment C: Test Cases

Test Case	Input Values	Driver Functions	Expected Outcomes	Observed Outcomes
Input < 1	-1	getChoice()	"The only valid choices are 1 or 2 Please re-enter. "	"Invalid number, please try again"
Input > 2	5	getChoice()	"The only valid choices are 1 or 2. Please re-enter. "	The only valid choices are 1 or 2. Please re-enter.
Input is double or otherwise in valid	5.0, A	InputValid::validateInt getChoice()	"Invalid number, please try again"	"Invalid number, please try again"
Input = 1	1	getChoice()	Stops	
Input = 2	2	getChoice()	Quits Program	Quits Program
Recursive function reverses "Hello World"	none	recursive()	dlroW olleH	dlroW olleH
Successfully opens file and array doubles	Example.txt	main()	Print out text in example.	Print out text in example.
File is not present and is try to be opened (Read File)	Example1.txt	main()	File could not be opened	File could not be opened
Successfully write backward array to example	Example1.txt	main()	Original file written backwards to example1.txt	Original file written backwards to example1.txt
File is not present and is try to be opened () as ifstream	Example2.txt	main()	"File could not be opened. Exiting program now."	"File could not be opened. Exiting program now."
File is not present and is try to be opened () ifStream	Example2.TEXT	main()	"File could not be opened. Exiting program now."	"File could not be opened. Exiting program now."
Throw exception for no data	Test.txt	Main()	"File has no data. Exiting program now."	"File has no data. Exiting program now."
File is not present and is try to be opened () as ofstream	Example2.txt	main()	Creates new file in directory. Still Opens file.	Creates new file in directory. Still Opens file

File is not present and is try to be opened () ofStream	Example2.TEXT	main()	Creates file in directory, but program outputs "cannot open file"	Creates file in directory, but program outputs "cannot open file"