

Assignment 1 Rubric

BUILD and RUN				
	Unsuccessful	Successful	Good	Very Good
1 building in Visual Studio	build failed - errors produced	build produced several warnings	build produced a few warnings	build succeeded with no warnings and no errors
2 running in Visual Studio	does not start	crashed a few times	never crashed	
GUI				
	Unsuccessful	Successful	Good	
3 obtaining names of input files	OpenFileDialog was not used	OpenFileDialog was used but it didn't open with the previously used folder	OpenFileDialog was correctly used	
4 invoking Event Handlers via GUI	menu controls were not used	menu controls were used	menu controls were used and their layout was reasonable	
VALID FILES				
	Unsuccessful	Successful	Good	Very Good
5 validate an EASY crozzle; based on loading 'Test 1 - wordlist.csv' and 'Test 1 - crozzle.txt'	files do not load	validity displayed (not implied) and crozzle displayed	crozzle displayed and score displayed (close to correct score)	crozzle displayed and correct score displayed
6 validate a MEDIUM crozzle; based on loading 'Test 2 - wordlist.csv' and 'Test 2 - crozzle.txt'	files do not load	validity displayed (not implied) and crozzle displayed	crozzle displayed and score displayed (close to correct score)	crozzle displayed and correct score displayed
7 validate a HARD crozzle; based on loading 'Test 3 - wordlist.csv' and 'Test 3 - crozzle.txt'	files do not load	validity displayed (not implied) and crozzle displayed	crozzle displayed and score displayed (close to correct score)	crozzle displayed and correct score displayed
8 validate an EXTREME crozzle; based on loading 'Test 4 - wordlist.csv' and 'Test 4 - crozzle.txt'	files do not load	validity displayed (not implied) and crozzle displayed	crozzle displayed and score displayed (close to correct score)	crozzle displayed and correct score displayed
INVALID FILES				
	Unsuccessful	Successful		
9 invalidate an EASY CSV or TXT file; based on loading 'Test 5 - wordlist.csv' and 'Test 5 - crozzle.txt' and your log file	no violations detected	all violations detected and logged		
10 invalidate a MEDIUM CSV or TXT file; based on loading 'Test 6 - wordlist.csv' and 'Test 6 - crozzle.txt' and your log file	no violations detected	all violations detected and logged		
11 invalidate a HARD CSV or TXT file; based on loading 'Test 7 - wordlist.csv' and 'Test 7 - crozzle.txt' and your log file	no violations detected	all violations detected and logged		
12 invalidate an EXTREME CSV or TXT file; based on loading 'Test 8 - wordlist.csv' and 'Test 8 - crozzle.txt' and your log file	no violations detected	all violations detected and logged		
INVALID CROZZLES				
	Unsuccessful	Successful		
13 invalidate an EASY crozzle; based on constraints C1, C2, E4 and E5, and loading 'Test 9 - wordlist.csv' and 'Test 9 - crozzle.txt'; and your log file	no constraint violations detected or logged	C1, C2, E4 and E5 constraint violations detected and logged		
14 invalidate a MEDIUM crozzle; based on constraints M1, M2, and loading 'Test 10 - wordlist.csv' and 'Test 10 - crozzle.txt'; and your log file	no constraint violations detected or logged	M1 and M2 constraint violations detected and logged		
15 invalidate a HARD crozzle; based on constraints H1, H2, and loading 'Test 11 - wordlist.csv' and 'Test 11 - crozzle.txt'; and your log file	no constraint violations detected or logged	H1 and H2 constraint violations detected and logged		
16 invalidate an EXTREME crozzle; based on constraint Ex3, and loading 'Test 12 - wordlist.csv' and 'Test 12 - crozzle.csv'; and your log file	no constraint violations detected or logged	Ex3 constraint violation detected and logged		
CODE				
	Unsuccessful	Successful	Good	Very Good
17 layout	ignored	can be improved	acceptable	
18 naming	ignored	meaningful	proper use of case	
19 comments	ignored	mainly used // comments	mainly used /// comments	descriptions of method, params, return provided
20 regular expressions	ignored	appropriately used	mostly accurate	accurate
21 magic numbers	ignored	constants used instead of magic numbers		