Rubric for Assignment #1

Name: _____

	Criteria	Unsatisfactory	Acceptable	Good	Exceptional	Marks
		0	**1**	**2**	**3**	
Functionality	**Edit / Exit**	- cannot edit a file	- text can be entered using the editor - the file created contains a lot of invalid data - the program cannot be exited using the "E" command - no line number prompts are visible	- multiple lines of text can be correctly added to a new file and can be saved using the "E" command - no errors exist in the data - cannot edit an existing file	- user can edit a new file, add multiple lines of text to the file - when the program is exited using the "E" command, the file is successfully saved using the name supplied - editing an existing file is also possible	*x2* _____
	Insert	- cannot insert lines of text into a file	- text can be inserted using "I" command with no parameters - the "I" command doesn't allow parameters - other large errors exist	- text be inserted at a specific line number or at the current line - program doesn't handle invalid line numbers - other small errors exist	- text can be inserted before the current line using "I" and no parameters - text can be inserted before a specific line using "I" and one parameter - program handles invalid line numbers	*x2* _____
	Delete	- cannot delete lines of text from a file	- lines can be deleted using the "D" command with no parameters - the "D" command doesn't allow parameters - other large errors exist	- specific lines or range of lines can be deleted - program doesn't handle invalid line numbers - other small errors exist	- the current line can be deleted using "D" and no parameters - a specific line can be deleted using "D" and one parameter - a range of lines can be deleted using "D" and two parameters - program handles invalid line numbers	*x2* _____
	List	- cannot list the contents of a file	- lines can be listed using the "L" command with no parameters - the "L" command doesn't allow parameters - other large errors exist	- specific lines or range of lines can be listed - program doesn't handle invalid line numbers - other small errors exist	- all lines can be listed using the "L" command and no parameters - a specific line can be listed using "L" and one parameter - a range of lines can be listed using "L" and two parameters - program handles invalid line numbers	*x2* _____

Sub-Total

24

Note : 24 x 25% = 6

Note: The following aspects of the program will only be graded if you receive more than 25% on the functionality rubric.

Output	**Aesthetics**	- incorrect or not existent use of whitespace in output - output is confusing and hard to follow	- fair use of whitespace - most output is clear, but poorly presented	- good use of whitespace - output is clear and fairly well presented	- excellent use of whitespace - output is clear and attractively presented	_____

Source Code	**Readability**	- source code is poorly organized and very difficult to read	- source code can be read, but is hard to follow	- source code is fairly easy to read, but is hard to follow in some areas	- source code is exceptionally well organized and easy to follow	_____
	Reusability	- source code cannot be reused - no functions or classes used	- small sections of code could be reused	- large portions of code could be reused with some modifications	- source code could be easily reused with little modifications	_____
	Efficiency	- contains large portions that could have been easily reduced using a different method - a lot of code is duplicated, copy/pasted	- tried some methods to improve efficiency - can explain what they attempted	- employed good ideas to improve efficiency - can point out where other improvements could be made	- very clean and efficient code - can propose new ideas for improvement	_____
	Comments	- little to no comments used	- comments are used, some are meaningful and easily understood - some files and functions have headers	- comments are used extensively, most are meaningful and easily understood - most files/functions have headers	- not over/under commented - comments are meaningful and easily understood - files/functions have headers - is self-documenting	_____
	Naming Convention	- no standard naming convention followed	- a standard naming convention was used for part of the program, but deviated often	- a standard naming convention was used for most of the program and deviated very little	- industry standard naming convention used throughout the program	_____
	Consistency	- no consistency in formatting or layout of source code	- source code formatting was fairly consistent, but contained some inconsistency with whitespace, brackets, etc	- source code formatting was very consistent with respect to whitespace, brace brackets, parentheses, etc	- source code formatting never deviated from the programmer's layout	_____

Sub-Total	_____	
	21	
Total	_____	
	45	

Assignment: _____