

Cross Reference for Project 1

Chapt er	Sectio n	Where in Code	
		Topic	Line number
2	2	cout	Used throughout entire project
	3	libraries	iostream, cstdlib, string, ctime
	4	variables/literals	Lines 31-44
	5	Identifiers	Break, string, if, while, char, float, cin, etc....
	6	Integers	Follows my variables
	7	Characters	Lines 38, 62, 122
	8	Strings	Lines 27
	9	Floats No Doubles	
	10	Bools	Lines 71
	11	Sizeof *****	Achieved
	12	Variables 7 characters or less	Keep this consistent throughout project
	13	Scope ***** No Global Variables	Achieved
	14	Arithmetic operators	+ - * / %
	15	Comments 20%+	Used throughout, better displayed in pseudo code
	16	Named Constants	
	17	Programming Style ***** Emulate	Achieved
3	1	cin	Lines 41, 57, 70, 117
	2	Math Expression	Lines 66, 83, 95, 108
	3	Mixing data types ****	Demonstrated through ratio usage
	4	Overflow/Underflow ****	
	5	Type Casting	Line 337, 8, 40, 46 – 52, 56, 60, 69, 73, 81, 87, 93, 99
	6	Multiple assignment *****	Line 69
	7	Formatting output	Line 113
	8	Strings	Lines 27
	9	Math Library	
	10	Hand tracing *****	Achieved

4	1	Relational Operators	Lines 55, 59, 62, 63, 68, 72, 75, 80, 86, 89, 90, 92, 98, 101, 102, 104, 109, 118
	2	if	Lines 58, 71, 79, 85, 97
	4	If-else	Lines 91
	5	Nesting	Most of the project is different nested statements. Primarily demonstrated in the menu function.
	6	If-else-if	Lines 85, 97
	7	Flags *****	
	8	Logical operators	
	1	Validating user input	Lines 41, 57, 70
	1	Conditional Operator	Lines 41, 57, 70, 117
	3		
	1	Switch	
	4		
5	1	Increment/Decrement	Lines 78
	2	While	
	5	Do-while	Lines 42-118, 54-63, 67-110
	6	For loop	Lines 140-176
	1	Files input/output both	
	1	No breaks in loops *****	
	2		
***** Not r	quired to	show	