Cross Reference for Project 2

			Where in Code
Chapter	Section	Topic	Line number
2	2	Cout	
	3	libraries	iostream,iomanip,cmath,cstdlib,fstream,string,ctime,vec
	4	variables/literals	Lines 31-44
	5	Identifiers	Break, const, string, switch, unsigned, static, int, etc
	6	Integers	Follow Variables
	7	Characters	Lines 38, 62, 122
	8	Strings	Lines 37, 54, 58, 225, 275, 288
	9	Floats No Doubles	Reference variables list
	10	Bools	Lines 61, 70, 359, 409
	11	Sizeof *****	Achieved!
	12	Variables 7 characters or less	Achieved!
	13	Scope ***** No Global Variables	Achieved!
	14	Arithmetic operators	+ - * / %
	15	Comments 20%+	Achieved!
	16	Named Constants	Lines 33-36 and also for array size
	17	Programming Style ***** Emulate	Achieved!
3	1	cin	Throughout project
	2	Math Expression	Throughout project
	3	Mixing data types ****	Achieved!
	4	Overflow/Underflow ****	
	5	Type Casting	Line 187
	6	Multiple assignment *****	Lines 155
	7	Formatting output	Lines 192
	8	Strings	Lines 37, 44, 54, 58, 225, 275, 288
	9	Math Library	Line 13
	10	Hand tracing ******	
4	1	Relational Operators	Lines 62, 68, 79, 87, 103, 112, 118, 122, 131, 140, etc
	2	if	Lines 62, 79, 152
	4	If-else	Lines 95, 162, 183
	5	Nesting	Used throughout project
	6	If-else-if	Line 122
	7	Flags *****	Line 183
	8	Logical operators	Lines 62, 68, 112, 122, 145
	11	Validating user input	Lines 68, 112, 131, 145, 183, 217
	13	Conditional Operator	Lines 68, 112, 131, 145
	14	Switch	Lines 280-318
5	1	Increment/Decrement	Lines 82-84, 98-100, 155-157, 165-167
	2	While	Used for validating input
	5	Do-while	Lines 74-118, 126-179,
	6	For loop	Lines 140-176
	11	Files input/output both	Lines 47-51, 223-230
	12	No breaks in loops ******	Achieved!
6	3	Function Prototypes	Lines 326-336, 338-349, 351-370, 373-397, 399-483
	5	Passing by value	Lines 42 & 344
	8	Returning values from functions	Lines 334, 348, 369, 423, 433
	9	Returning a boolean ******	Lines
	10	No Global Variables Allowed	Achieved!
		Only Global Constants	
		Meaning Conversions,Physical Constants only	
	11	Static Local	Lines 426-434
	12	Default arguments	Lines 31 & 436-454
	13	Reference Parameters	Lines 26 &342
	14	Overloading functions	Lines 25, 26, 342, 355
	15	Exit function *******	
7	4	Array Initialization	Lines 52-58, 443-449
	6	Processing Arrays	Lines 471, 474
	7	Parallel Arrays	Lines 436-454
	8	Arrays as function arguments	Lines 377, 403
	9	2-D Arrays	Lines 456-483
	12	STL Vector	Lines 51, 169-170
8	1	Linear and Binary Search	Lines 351-370, 399-424
	3	Bubble and Selection Sort	Lines 373-397
	5	Search/Sorting Vectors ******	
****** Not required to show			