Cross Reference from Project 1

You are to fill-in with where located in code

Chapter	Section	Topic	Where Line #"s	Pts	Notes
2	2	cout	Throughout		
	3	libraries	line 8 - 15	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals	line 30 - 36		No variables in global area, failed project!
	5	Identifiers	Throughout		
	6	Integers	27,31 ,33, 104, 212	1	
	7	Characters	32	1	
	8	Strings	36	1	
	9	Floats No Doubles	35	1	Using doubles will fail the project, floats OK!
	10	Bools	34	1	
	11	Sizeof *****			
	12	Variables 7 characters or less	Throughout		All variables <= 7 characters
	13	Scope ***** No Global Variables			
	14	Arithmetic operators	Throughout		
	15	Comments 20%+	Throughout	2	Model as pseudo code
	16	Named Constants	31		All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate			Emulate style in book/in class repositiory
3	1	cin	Throughout		
	2	Math Expression	Throughout		
	3	Mixing data types ****			
	4	Overflow/Underflow ****			
	5	Type Casting	27	1	
	6	Multiple assignment *****			
	7	Formatting output	223, 227	1	
	8	Strings	47	1	
	9	Math Library	14, 222	1	All libraries included have to be used
	10	Hand tracing ******			
4	1	Relational Operators			
	2	if	61, 99, 121-125	1	Independent if
	4	If-else	65, 90	1	
	5	Nesting	Throughout	1	
	6	If-else-if	158 ,165, 172,179,205	1	
	7	Flags *****			
	8	Logical operators	Throughout	1	
	11	Validating user input	54, 82 , 186	1	
	13	Conditional Operator	190	1	
	14	Switch	118	1	
5	1	Increment/Decrement	148	1	
	2	While	54, 66, 82 , 186	1	
	5	Do-while	113	1	
	6	For loop	104	1	
	11	Files input/output both	64, 98	2	
	12	No breaks in loops ******			Failed Project if included
****** Not required to show			Total	30	

Cross Reference for Project 2

You are to fill-in with where located in code

Chapter	Section	Topic	Where Line #"s	Pts	Notes
6		Functions			
	3	Function Prototypes		4	Always use prototypes
	5	Pass by Value		4	
	8	return		4	A value from a function
	9	returning boolean		4	
	10	Global Variables		XXX	Do not use global variables -100 pts
	11	static variables		4	
	12	defaulted arguments		4	
	13	pass by reference		4	
	14	overloading		5	
	15	exit() function		4	
7		Arrays			
	1 to 6	Single Dimensioned Arrays		3	
	7	Parallel Arrays		2	
	8	Single Dimensioned as Function Arguments		2	
	9	2 Dimensioned Arrays		2	Emulate style in book/in class repositiory
	12	STL Vectors		2	
		Passing Arrays to and from Functions		5	
		Passing Vectors to and from Functions		5	
8		Searching and Sorting Arrays			
	3	Bubble Sort		4	
	3	Selection Sort		4	
	1	Linear or Binary Search		4	
****** Not required to show			Total	70	Other 30 points from Proj 1 first sheet tab