

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	14-20	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals	41-61		No variables in global area, failed project!
	5	Identifiers	Throughout		
	6	Integers	186, 191, throughout	1	
	7	Characters	365, 412, 417	1	
	8	Strings	Throughout	1	
	9	Floats No Doubles	Unused	1	Using doubles will fail the project, floats OK!
	10	Bools	374, 403	1	
	11	Sizeof *****			
	12	Variables 7 characters or less			All variables <= 7 characters
	13	Scope ***** No Global Variables			
	14	Arithmetic operators			
	15	Comments 20%+		2	Model as pseudo code
	16	Named Constants	56, 57		All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate			Emulate style in book/in class repository
3	1	cin	Throughout		
	2	Math Expression	Throughout		
	3	Mixing data types ****			
	4	Overflow/Underflow ****			
	5	Type Casting	Unused	1	
	6	Multiple assignment *****			
	7	Formatting output	134	1	
	8	Strings	Strings	1	
	9	Math Library	Unused	1	All libraries included have to be used
	10	Hand tracing *****			
4	1	Relational Operators	127, 133, throughout		
	2	if	133	1	Independent if
	4	If-else	152	1	
	5	Nesting	Throughout	1	
	6	If-else-if	441	1	
	7	Flags *****			
	8	Logical operators	Throughout	1	
	11	Validating user input	353, 90, 99	1	
	13	Conditional Operator	Throughout	1	
	14	Switch	104	1	
5	1	Increment/Decrement	127	1	
	2	While	107	1	
	5	Do-while	99	1	
	6	For loop	127	1	
	11	Files input/output both	306	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	25-31	4	Always use prototypes
	5	Pass by Value	Almost all	4	
	8	return	All	4	A value from a function
	9	returning boolean	Unused	4	
	10	Global Variables		XXX	Do not use global variables -100 pts
	11	static variables	Almost all	4	
	12	defaulted arguments	Unused	4	
	13	pass by reference	353	4	
	14	overloading	Unused	5	
	15	exit() function	Unused	4	
7		Arrays			
	1 to 6	Single Dimensioned Arrays	58	3	
	7	Parallel Arrays	Unused	2	
	8	Single Dimensioned as Function Arguments	353	2	
	9	2 Dimensioned Arrays	Unused	2	Emulate style in book/in class repository
	12	STL Vectors	394	2	
		Passing Arrays to and from Functions	Unused	5	
		Passing Vectors to and from Functions	Unused	5	
8		Searching and Sorting Arrays			
	3	Bubble Sort	Unused	4	
	3	Selection Sort	Unused	4	
	1	Linear or Binary Search	405	4	
***** Not required to show			Total	70	Other 30 points from Proj 1 first sheet tab