

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			
	3	libraries	10-17	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals	41-44		No variables in global area, failed project!
	5	Identifiers	41-44		
	6	Integers	41, 42, 46	1	
	7	Characters	44, 253	1	
	8	Strings	43, 260	1	
	9	Floats No Doubles	140, 127	1	Using doubles will fail the project, floats OK!
	10	Bools	257, 509	1	
	11	Sizeof *****			
	12	Variables 7 characters or less	254,255		All variables <= 7 characters
	13	Scope ***** No Global Variables			
	14	Arithmetic operators	452,441		
	15	Comments 20%+	247, 250, 256	2	Model as pseudo code seen in pseudo code file
	16	Named Constants	36, 38		All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate			Emulate style in book/in class repository
3	1	cin	81, 325		
	2	Math Expression	429, 117		
	3	Mixing data types ****			
	4	Overflow/Underflow ****			
	5	Type Casting	127, 251	1	
	6	Multiple assignment *****			
	7	Formatting output	124, 129	1	
	8	Strings	260, 43	1	
	9	Math Library	127, 140	1	All libraries included have to be used
	10	Hand tracing *****			
4	1	Relational Operators	445, 451		
	2	if	445, 248	1	Independent if
	4	If-else	172/177	1	
	5	Nesting	333/334/335	1	
	6	If-else-if	420/424/428	1	
	7	Flags *****			
	8	Logical operators	420, 445	1	
	11	Validating user input	327, 333	1	
	13	Conditional Operator	115,116	1	
	14	Switch	347, 361	1	
5	1	Increment/Decrement	266, 202	1	
	2	While	66, 327	1	
	5	Do-while	265-315	1	
	6	For loop	333, 525	1	
	11	Files input/output both	66, 174	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	28, 30, 504	4	
	8	return	516, 241	4	A value from a function
	9	returning boolean	516	4	
	10	Global Variables		XXX	Do not use global variables -100 pts
	11	static variables	258	4	
	12	defaulted arguments	28	4	
	13	pass by reference	25, 26, 221, 213	4	
	14	overloading	26/27, 213/221	5	
	15	exit() function	499	4	
7		Arrays			
	1 to 6	Single Dimensioned Arrays	38	3	
	7	Parallel Arrays	46/258	2	Parallel vectors: 51/53
	8	Single Dimensioned as Function Arguments	28/28/109	2	
	9	2 Dimensioned Arrays	46, 258	2	Emulate style in book/in class repository
	12	STL Vectors	51-53	2	
		Passing Arrays to and from Functions	109, 111, 246	5	
		Passing Vectors to and from Functions	246, 520, 182	5	
8		Searching and Sorting Arrays			
	3	Bubble Sort	194-210, 74	4	
	3	Selection Sort	182, 520-537	4	
	1	Linear or Binary Search	228-242, 85	4	
***** Not required to show			Total	70	Other 30 points from Proj 1 first sheet tab