

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	9-15	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals			No variables in global area, failed project!
	5	Identifiers			
	6	Integers	throughout	1	
	7	Characters	50,84	1	
	8	Strings	35,36,92,93	1	
	9	Floats No Doubles	28,40	1	Using doubles will fail the project, floats OK!
	10	Bools	50,270	1	
	11	Sizeof *****			
	12	Variables 7 characters or less			All variables <= 7 characters
	13	Scope ***** No Global Variables			
	14	Arithmetic operators			
	15	Comments 20%+	throughout	2	Model as pseudo code
	16	Named Constants			All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate			Emulate style in book/in class repository
3	1	cin			
	2	Math Expression			
	3	Mixing data types ****			
	4	Overflow/Underflow ****			
	5	Type Casting	52	1	
	6	Multiple assignment *****			
	7	Formatting output	160	1	
	8	Strings	35,36,92,93	1	
	9	Math Library	15	1	All libraries included have to be used
	10	Hand tracing *****			
4	1	Relational Operators			
	2	if	163,195,215	1	Independent if
	4	if-else	205,226	1	
	5	Nesting	throughout	1	
	6	if-else-if	157,203,224	1	
	7	Flags *****			
	8	Logical operators	118,136,155	1	
	11	Validating user input	88,118	1	
	13	Conditional Operator	155,163,195,203	1	
	14	Switch	62	1	
5	1	Increment/Decrement	throughout	1	
	2	While	118	1	
	5	Do-while	278-288	1	
	6	For loop	187,192	1	
	11	Files input/output both	54,57,169-171	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	throughout	4	Always use prototypes
	5	Pass by Value	252-263	4	
	8	return	247	4	A value from a function
	9	returning boolean	232	4	
	10	Global Variables		XXX	Do not use global variables -100 pts
	11	static variables	38	4	
	12	defaulted arguments	256	4	
	13	pass by reference	190,210	4	
	14	overloading	190-237	5	
	15	exit() function	175	4	
7		Arrays			
	1 to 6	Single Dimensioned Arrays	35,36,92,93	3	
	7	Parallel Arrays	35,36,92,93	2	
	8	Single Dimensioned as Function Arguments		2	
	9	2 Dimensioned Arrays	90-111	2	Emulate style in book/in class repository
	12	STL Vectors	96,113,114	2	
		Passing Arrays to and from Functions	212-236,268-288	5	
		Passing Vectors to and from Functions	212-236,268-288	5	
8		Searching and Sorting Arrays			
	3	Bubble Sort	301-342	4	
	3	Selection Sort	301-342	4	
	1	Linear or Binary Search	301-342	4	
***** Not required to show			Total	70	Other 30 points from Proj 1 first sheet tab