

Cross Reference for 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	9 - 16	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals			No variables in global area, failed project!
	5	Identifiers			
	6	Integers	53 - 60	1	
	7	Characters	69	1	
	8	Strings	66,67	1	
	9	Floats No Doubles	49 - 51	1	Using doubles will fail the project, floats OK!
	10	Bools	62	1	
	11	Sizeof *****			
	12	Variables 7 characters or less			All variables <= 7 characters
	13	Scope ***** No Global Variables			
	14	Arithmetic operators			
	15	Comments 20%+	49, 50, ...	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	44	1	
	6	Multiple assignment *****			
	7	Formatting output	146,...	1	
	8	Strings	66,67	1	
	9	Math Library	137	1	All libraries included have to be used
	10	Hand tracing *****			
4	1	Relational Operators			
	2	if	81	1	Independent if
	4	If-else	191, 197	1	
	5	Nesting	150 in 121	1	
	6	If-else-if	136,142	1	
	7	Flags *****			
	8	Logical operators	85	1	
	11	Validating user input	89	1	
	13	Conditional Operator	134	1	
	14	Switch	362	1	
5	1	Increment/Decrement	129/144	1	
	2	While	107	1	
	5	Do-while	90 - 96	1	
	6	For loop	121	1	
	11	Files input/output both	104/256	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
8		Functions			
	3	Functions Prototypes	27,...	4	Always use prototypes
	5	Pass by Value	132	4	
	8	return	428	4	A value from a function
	9	returning boolean	322	4	
	10	Global Variables		XXX	Do not use global variables -100 pts
	11	static variables	325	4	
	12	defaulted arguments	290	4	
	13	pass by reference	297	4	
	14	overloading	272 - 278	5	
	15	exit() function	82	4	
7		Arrays			
	1 to 6	Single Dimensioned Arrays	220	3	
	7	Parallel Arrays	252	2	
	8	Single Dimensioned as Function Ar	36	2	
	9	2 Dimensioned Arrays	342	2	Emulate style in book/in class repository
	12	STL vectors	47	2	
		Passing Array to and from Function	330	5	
		Passing Vectors to and from Functi	297	5	
8		Searching and Sorting Arrays			
	3	Bubble Sort	521	4	
	3	Selection Sort	297	4	
	1	Linear or Binary Search	499	4	
***** Not required to show			Total	70	