

# 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	48, 78, 88, 98, 107, 117, 1	1	prompts, menus
	3	libraries	8; 9, 28-29, 56, 58, 6	8	all used: iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals	36-42, 153-155, 245-249,		No variables in global area, failed project!
	5	Identifiers	36-42, 153-155, 245-249,	1	^
	6	Integers	36-42, 153-155, 245	3	
	7	Characters	26, 43, 156, 157, 27	3	
	8	Strings	31, 44, 244	3	
	9	Floats No Doubles	286, no doubles	3	Using doubles will fail the project, floats OK!
	10	Bools	34, 158, 265-266, 27	4	
	11	Sizeof *****			
	12	Variables 7 characters or less	36-42, 153-155, 245-249,		All variables <= 7 characters
	13	Scope ***** No Global Variables	none		
	14	Arithmetic operators	220, 294, 332, 454, 462, 5		* / - +
	15	Comments 20%+	306 comments	5	Model as pseudo code
	16	Named Constants	none		All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate			Emulate style in book/in class repository
3	1	cin	68, 100, 113, 124, 174, 18		inputs, press to continue
	2	Math Expression	220, 294, 332, 454, 462, 5		* / - +
	3	Mixing data types ****			
	4	Overflow/Underflow ****			
	5	Type Casting	24, 281, 294, 295	4	
	6	Multiple assignment *****			a=b=c=1
	7	Formatting output	309, setprecision	4	
	8	Strings	31, 44, 244	3	
	9	Math Library	ceil: 281, 295	4	All libraries included have to be used
	10	Hand tracing *****	debugging		
4	1	Relational Operators	205, 209, 381, 386, 520, 5		>, >=, <, <=, ==, !=
	2	if	52, 69, 86, 115, 129	4	Independent if
	4	If-else	58-79, 182-230, 327	4	
	5	Nesting	58, 69, 110, 171, 18	4	
	6	If-else-if	554-638	4	
	7	Flags *****	85, 287, 231, 412, 545		
	8	Logical operators	69, 101, 115, 119, 1	4	&&,   , !
	11	Validating user input	119, 180, 209, 386,	4	validate, confirm, do while
	13	Conditional Operator	121, 167-169, 222, 2	4	ternary operator
	14	Switch	218, 388, 432, 526,	4	
5	1	Increment/Decrement	365, 500, 647, 299,	4	
	2	While	287-675	4	
	5	Do-while	90-101, 104-125, 11	4	
	6	For loop	299, 304, 323, 443,	4	
	11	Files input/output both	28-29, 56, 58, 61, 81	8	
	12	No breaks in loops *****	none		Failed Project if included
***** Not required to show			Total	100	