

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	69, 119, 122, 126, 134, 146, 148, 158, 161, 164, 174, 217, 219, 221, 250, 259, 274, 279, 280, 283, 286, 289, 292, 326-330		
	3	libraries	13-21	5	iostream, iomanip, cmath, cstdlib, fstream, string, ctime
	4	variables/literals	55-64, 65, 66, 77, 78, 83-86, 90, 91, 144, 156, 183, 184, 197, 226, 227, 247, 268, 269,		No variables in global area, failed project!
	5	Identifiers	29-38, 40-47, 55-66		
	6	Integers	29-47, 50, 52, 57, 60-66, 77, 78, 90-91, 144, 156, 171, 172, 181-184, 196, 225-228, 246, 253, 254, 266-269, 278, 297, 325, 334-337, 346-350, 360, 362, 269, 279, 381	1	
	7	Characters	55, 126, 131, 247, 250, 252, 262	1	
	8	Strings	58, 59, 69, 85, 86, 119, 122, 126, 134, 146, 148, 158, 161, 164, 174, 197, 217, 221, 259, 274, 279, 280, 283, 286, 289, 292, 314, 318, 320, 326-330, 361, 380, 382	1	
	9	Floats No Doubles	29, 30, 37, 38, 56, 155, 171, 278, 297,	1	Using doubles will fail the project, floats OK!
	10	Bools	45, 46, 369, 374, 379,	1	
	11	Sizeof *****			
	12	Variables 7 characters or less	29-38, 40-47, 55-66, 83-86, 90-91, 144, 156, 172, 183, 184, 197, 226, 227, 253, 254, 268, 269,		All variables <= 7 characters
	13	Scope ***** No Global Variables			

	14	Arithmetic operators	182, 183, 188, 189, 298, 339		
	15	Comments 20%+	23, 26, 28, 29-38, 40-47, 49, 51, 54-66, 68, 69, 71, 72, 74, 75, 77-82, 88-95, 99-103, 112, 114, 119, 121, 123, 126, 129, 131, 133-135, 137-141, 144, 154, 156, 170, 180, 195, 215, 224, 245, 249, 250, 255-257, 259, 265, 270-272, 277, 284, 287, 290, 292, 296, 311, 324, 333, 339, 345, 355, 359, 373, 378	2	Model as pseudo code
	16	Named Constants	77-78		All Local, only Conversions/Physics/Math in Global area
	17	Programming Style ***** Emulate	All around code		Emulate style in book/in class repository
3	1	cin	127, 162, 174, 251		
	2	Math Expression	183, 184, 188, 189, 231, 233, 235, 253, 254, 268, 269, 298, 339		
	3	Mixing data types ****	52, 158, 239, 299, 300, 301, 327, 328, 329, 330,		
	4	Overflow/Underflow ****	183, 188, 253, 254, 268,		
	5	Type Casting	52	1	
	6	Multiple assignment *****	183-184, 188-189, 253-254, 268-269		
	7	Formatting output	144-149, 155-168, 174, 250, 259, 199, 278-294, 298-302	1	
	8	Strings	58, 59, 69, 85, 86, 119, 122, 126, 134, 146, 148, 158, 161, 164, 174, 197, 217, 221, 259, 274, 279, 280, 283, 286, 289, 292, 314, 318, 320, 326-330, 361, 380, 382	1	
	9	Math Library	134, 145, 148, 159, 174, 250, 259, 274, 279, 280, 299-301	1	All libraries included have to be used
	10	Hand tracing *****	50-152		

4	1	Relational Operators	95, 104, 106, 182, 267, 336-338, 348, 350, 381,		
	2	if	95-97, 114-117, 121-124, 163-166, 258-260, 313-316, 338-340, 351-353,	1	Independent if
	4	If-else	145-149,	1	
	5	Nesting	252-261,	1	
	6	If-else-if	104-110, 282-293	1	
	7	Flags *****			
	8	Logical operators	58, 104, 131, 238, 261,	1	
	11	Validating user input	155-168, 171-178, 246-263	1	
	13	Conditional Operator	132, 163, 174,	1	
	14	Switch	198-203, 206-211	1	
5	1	Increment/Decrement	105, 107, 109, 129, 157, 182, 230, 236, 237, 240, 348, 350, 381,	1	
	2	While	238-241, 267-273, 319-321,	1	
	5	Do-while	160-167, 173-177, 248-262,	1	
	6	For loop	182-192, 218-220, 228-237, 336-342, 337-341, 348-356, 350-354, 362-364, 381-383	1	
	11	Files input/output both	58-59, 122, 297-303, 312-322,	2	
	12	No breaks in loops *****			Failed Project if included
	t 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	29-38, 40-47	4	Always use prototypes
	5	Pass By Value	171-178,	4	No variables in global area, failed project!
	8	return	151, 177, 212, 242, 215, 370, 375,	4	A value from a functino
	9	Returning boolean	369, 374,	4	
	10	Global Variables		XX X	Do Not use global variables -100 points
	11	Static variables	156,	4	
	12	Defaulted variables	171,	4	
	13	Pass By Reference	72, 93, 96, 155, 246, 266	4	
	14	Overloading	144-149,	5	
	15	exit() Function	58, 122,	4	
7		Arrays			
	1 to 6	Single Dimension Arrays	386	3	
	7	Parallel Arrays	66	2	Model as pseudo code
	8	Single Dimensioned as Function Arguments	386	2	All Local, only Conversions/Physics/Math in Global area
	9	2 Dimensioned Arrays	379-384	2	Emulate style in book/in class repository
	12	STL Vectors	181-213, 216-222, 225-243, 246-263, 266-275, 334-343, 360-366,	2	
		Passing Arrays to and from Functions	135	5	
		Passing Vectors to and from Functions	88, 90, 91, 93, 96, 249,	5	
8		Searching and Sorting Arrays			
	3	Bubble Sort	334-343	4	
	3	Selection Sort	346-357	4	
	1	Linear or Binary Search	369-371	4	
*****			Total	70	Other 30 points from Proj 1 first sheet tab

[illegible]