Cross-List\_From\_Proj1

**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 | 1-7 | 5 | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
|  | 4 | variables/literals |  |  | No variables in global area, failed project! |
|  | 5 | Identifiers |  |  |  |
|  | 6 | Integers | 15,22,26,30,35,37,38,40  43,54 | 1 |  |
|  | 7 | Characters | 11,46 | 1 |  |
|  | 8 | Strings | 9,23,27,32,37 | 1 |  |
|  | 9 | Floats No Doubles | 16,18,20 | 1 | Using doubles will fail the project, floats OK! |
|  | 10 | Bools | 15,19,27,29 | 1 |  |
|  | 11 | Sizeof \*\*\*\*\* |  |  |  |
|  | 12 | Variables 7 characters or less |  |  | All variables <= 7 characters |
|  | 13 | Scope \*\*\*\*\* No Global Variables |  |  |  |
|  | 14 | Arithmetic operators |  |  |  |
|  | 15 | Comments 20%+ |  | 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 repositiory |
|  |  |  |  |  |  |
| 3 | 1 | cin |  |  |  |
|  | 2 | Math Expression |  |  |  |
|  | 3 | Mixing data types \*\*\*\* |  |  |  |
|  | 4 | Overflow/Underflow \*\*\*\* |  |  |  |
|  | 5 | Type Casting | 8 | 1 |  |
|  | 6 | Multiple assignment \*\*\*\*\* |  |  |  |
|  | 7 | Formatting output | 7,33,87,122,123 | 1 |  |
|  | 8 | Strings | 9,23,27,32,37 | 1 |  |
|  | 9 | Math Library | 52,53,55 | 1 | All libraries included have to be used |
|  | 10 | Hand tracing \*\*\*\*\*\* |  |  |  |
|  |  |  |  |  |  |
| 4 | 1 | Relational Operators |  |  |  |
|  | 2 | if | 62,68,73,78,95 107,116  128 | 1 | Independent if |
|  | 4 | If-else | 73-77, 78-82, 95-102,  116-120 | 1 |  |
|  | 5 | Nesting | 62-67, 68-82, 95-102,  116-120 | 1 |  |
|  | 6 | If-else-if | 87-123 | 1 |  |
|  | 7 | Flags \*\*\*\*\* |  |  |  |
|  | 8 | Logical operators | 95,116 | 1 |  |
|  | 11 | Validating user input | 40,49,62 | 1 |  |
|  | 13 | Conditional Operator |  | 1 |  |
|  | 14 | Switch | 22-28 | 1 |  |
|  |  |  |  |  |  |
| 5 | 1 | Increment/Decrement | 36,41 | 1 |  |
|  | 2 | While | 43-48 | 1 |  |
|  | 5 | Do-while | 53-64 | 1 |  |
|  | 6 | For loop | 46-49, 50-53, 56-58 | 1 |  |
|  | 11 | Files input/output both |  | 2 |  |
|  | 12 | No breaks in loops \*\*\*\*\*\* |  |  | Failed Project if included |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| \*\*\*\*\*\* Not | required to | show | Total | 30 |  |

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Cross\_List\_For\_Proj2

**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 |  |  |  |
| x | 3 | Function Prototypes | 9-21 | 4 | Always use prototypes |
| x | 5 | Pass by Value | 15,21,22,27,30 | 4 |  |
| x | 8 | return | 66,85 | 4 | A value from a function |
| x | 9 | returning boolean | 86, 106 | 4 |  |
|  | 10 | Global Variables |  | XXX | Do not use global variables -100 pts |
| x | 11 | static variables | 104 | 4 |  |
| x | 12 | defaulted arguments | 15 | 4 |  |
| x | 13 | pass by reference | 5,11,15,21,30,106 | 4 |  |
| x | 14 | overloading | 22-31 | 5 |  |
| x | 15 | exit() function | 60 | 4 |  |
| 7 |  | Arrays |  |  |  |
| x | 1 to 6 | Single Dimensioned Arrays | 47,48 | 3 |  |
| x | 7 | Parallel Arrays | 47-49 | 2 |  |
|  | 8 | Single Dimensioned as Function Arguments | g | 2 |  |
|  | 9 | 2 Dimensioned Arrays | 46-49 | 2 | Emulate style in book/in class repositiory |
|  | 12 | STL Vectors |  | 2 |  |
| x |  | Passing Arrays to and from Functions |  | 5 |  |
|  |  | Passing Vectors to and from Functions |  | 5 |  |
|  |  |  |  |  |  |
| 8 |  | Searching and Sorting Arrays |  |  |  |
|  | 3 | Bubble Sort |  | 4 |  |
|  | 3 | Selection Sort |  | 4 |  |
|  | 1 | Linear or Binary Search |  | 4 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| \*\*\*\*\*\* Not | required to | show | Total | 70 | Other 30 points from Proj 1 first sheet tab |

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