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 | 71 |  |  |
|  | 3 | libraries | 10 | 5 | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
|  | 4 | variables/literals | 56 |  | No variables in global area, failed project! |
|  | 5 | Identifiers | 283 |  |  |
|  | 6 | Integers | 284 | 1 |  |
|  | 7 | Characters | 60 | 1 |  |
|  | 8 | Strings | 285 | 1 |  |
|  | 9 | Floats No Doubles | 57 | 1 | Using doubles will fail the project, floats OK! |
|  | 10 | Bools | 294 | 1 |  |
|  | 11 | Sizeof \*\*\*\*\* | - |  |  |
|  | 12 | Variables 7 characters or less | 290 |  | All variables <= 7 characters |
|  | 13 | Scope \*\*\*\*\* No Global Variables | - |  |  |
|  | 14 | Arithmetic operators | 323 |  |  |
|  | 15 | Comments 20%+ | 44 | 2 | Model as pseudo code |
|  | 16 | Named Constants | 48 |  | All Local, only Conversions/Physics/Math in Global area |
|  | 17 | Programming Style \*\*\*\*\* Emulate | - |  | Emulate style in book/in class repositiory |
|  |  |  |  |  |  |
| 3 | 1 | cin | 94 |  |  |
|  | 2 | Math Expression | 718 |  |  |
|  | 3 | Mixing data types \*\*\*\* | - |  |  |
|  | 4 | Overflow/Underflow \*\*\*\* | - |  |  |
|  | 5 | Type Casting | 858 | 1 |  |
|  | 6 | Multiple assignment \*\*\*\*\* | -- |  |  |
|  | 7 | Formatting output | 821 | 1 |  |
|  | 8 | Strings | 892 | 1 |  |
|  | 9 | Math Library | 12 | 1 | All libraries included have to be used |
|  | 10 | Hand tracing \*\*\*\*\*\* | - |  |  |
|  |  |  |  |  |  |
| 4 | 1 | Relational Operators | 1378 |  |  |
|  | 2 | if | 348 | 1 | Independent if |
|  | 4 | If-else | 10007 | 1 |  |
|  | 5 | Nesting | 1098 | 1 |  |
|  | 6 | If-else-if | 391 | 1 |  |
|  | 7 | Flags \*\*\*\*\* | - |  |  |
|  | 8 | Logical operators | 383 | 1 |  |
|  | 11 | Validating user input | 178 | 1 |  |
|  | 13 | Conditional Operator | 589 | 1 |  |
|  | 14 | Switch | 306 | 1 |  |
|  |  |  |  |  |  |
| 5 | 1 | Increment/Decrement | 195 | 1 |  |
|  | 2 | While | 255 | 1 |  |
|  | 5 | Do-while | 298 | 1 |  |
|  | 6 | For loop | 996 | 1 |  |
|  | 11 | Files input/output both | 70-76 | 2 |  |
|  | 12 | No breaks in loops \*\*\*\*\*\* | - |  | Failed Project if included |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| \*\*\*\*\*\* Not | required to | show | Total | 30 |  |

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 |  |  |  |
|  | 3 | Function Prototypes | 18 | 4 | Always use prototypes |
|  | 5 | Pass by Value | 84 | 4 |  |
|  | 8 | return | 724 | 4 | A value from a function |
|  | 9 | returning boolean | 121 | 4 |  |
|  | 10 | Global Variables | - | XXX | Do not use global variables -100 pts |
|  | 11 | static variables | 282 | 4 |  |
|  | 12 | defaulted arguments | 1366 | 4 |  |
|  | 13 | pass by reference | 161 | 4 |  |
|  | 14 | overloading | 134 | 5 |  |
|  | 15 | exit() function | 146 | 4 |  |
| 7 |  | Arrays |  |  |  |
|  | 1 to 6 | Single Dimensioned Arrays | 880 | 3 |  |
|  | 7 | Parallel Arrays | 882 | 2 |  |
|  | 8 | Single Dimensioned as Function Arg | Uments 1316 | 2 |  |
|  | 9 | 2 Dimensioned Arrays | 1289 | 2 | Emulate style in book/in class repositiory |
|  | 12 | STL Vectors | 61 | 2 |  |
|  |  | Passing Arrays to and from Function | S 1211 | 5 |  |
|  |  | Passing Vectors to and from Functio | Ns 279 | 5 |  |
|  |  |  |  |  |  |
| 8 |  | Searching and Sorting Arrays |  |  |  |
|  | 3 | Bubble Sort | 193 | 4 |  |
|  | 3 | Selection Sort | 217 | 4 |  |
|  | 1 | Linear or Binary Search | 248 | 4 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| \*\*\*\*\*\* Not r | equired to | show | Total | 70 | Other 30 points from Proj 1 first sheet tab |