Cross-List

**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 | 40,50,55,63,96,102,110,115,116,119,123,133 |  |  |
|  | 3 | libraries | 8-15 | 8 | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
|  | 4 | variables/literals |  |  | No variables in global area, failed project! |
|  | 5 | Identifiers |  |  |  |
|  | 6 | Integers | 34,35,62,100 | 3 |  |
|  | 7 | Characters | 39,60,99 | 3 |  |
|  | 8 | Strings | 61,140 | 3 |  |
|  | 9 | Floats No Doubles | 36 | 3 | Using doubles will fail the project, floats OK! |
|  | 10 | Bools | 131 | 4 |  |
|  | 11 | Sizeof \*\*\*\*\* |  |  |  |
|  | 12 | Variables 7 characters or less |  |  | All variables <= 7 characters |
|  | 13 | Scope \*\*\*\*\* No Global Variables |  |  |  |
|  | 14 | Arithmetic operators |  |  |  |
|  | 15 | Comments 20%+ | 22-35, 47,53,59,92,98,105,108,112,121,130,136 | 5 | Model as pseudo code |
|  | 16 | Named Constants | 23-25,28-29,32-33,137 |  | All Local, only Conversions/Physics/Math in Global area |
|  | 17 | Programming Style \*\*\*\*\* Emulate |  |  | Emulate style in book/in class repositiory |
|  |  |  |  |  |  |
| 3 | 1 | cin | 48,67,103 |  |  |
|  | 2 | Math Expression |  |  |  |
|  | 3 | Mixing data types \*\*\*\* |  |  |  |
|  | 4 | Overflow/Underflow \*\*\*\* |  |  |  |
|  | 5 | Type Casting | 118,143 | 4 |  |
|  | 6 | Multiple assignment \*\*\*\*\* |  |  |  |
|  | 7 | Formatting output | 123 | 4 |  |
|  | 8 | Strings | 61,140 | 3 |  |
|  | 9 | Math Library | 109 | 4 | All libraries included have to be used |
|  | 10 | Hand tracing \*\*\*\*\*\* |  |  |  |
|  |  |  |  |  |  |
| 4 | 1 | Relational Operators |  |  |  |
|  | 2 | if | 132 | 4 | Independent if |
|  | 4 | If-else | 106-122,113-117,142-144 | 4 |  |
|  | 5 | Nesting | 106-122 | 4 |  |
|  | 6 | If-else-if | 49-54 | 4 |  |
|  | 7 | Flags \*\*\*\*\* |  |  |  |
|  | 8 | Logical operators | 49,52,106,113,132,142,143 | 4 |  |
|  | 11 | Validating user input | 49-57,85-88,106-128 | 4 |  |
|  | 13 | Conditional Operator | 132 | 4 |  |
|  | 14 | Switch | 69-89 | 4 |  |
|  |  |  |  |  |  |
| 5 | 1 | Increment/Decrement | 115 | 4 |  |
|  | 2 | While | 40-151 | 4 |  |
|  | 5 | Do-while | 101-128 | 4 |  |
|  | 6 | For loop | 139-147 | 4 |  |
|  | 11 | Files input/output both | 93-94,146,149 | 8 |  |
|  | 12 | No breaks in loops \*\*\*\*\*\* |  |  | Failed Project if included |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| \*\*\*\*\*\* Not | required to | show | Total | 100 |  |

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