

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 | | | 59, 88, 97, 120, 136, 146, 155, 158, 195, 201, 204 |
| | 3 | libraries | 1-6 | 8 | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
| | 4 | variables/literals | 29-58, 137, | | No variables in global area, failed project! |
| | 5 | Identifiers | | | |
| | 6 | Integers | 34, 212, 225, | 3 | |
| | 7 | Characters | 193 | 3 | |
| | 8 | Strings | 33 | 3 | |
| | 9 | Floats No Doubles | 147 | 3 | Using doubles will fail the project, floats OK! |
| | 10 | Bools | 30-32, 58 | 4 | |
| | 11 | Sizeof ***** | | | |
| | 12 | Variables 7 characters or less | | | All variables <= 7 characters |
| | 13 | Scope ***** No Global Variables | | | |
| | 14 | Arithmetic operators | 141, 171, 190-191 | | |
| | 15 | Comments 20%+ | 11-17 | 5 | 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 repository |
| 3 | 1 | cin | 200 | | |
| | 2 | Math Expression | | | |
| | 3 | Mixing data types **** | | | |
| | 4 | Overflow/Underflow **** | | | |
| | 5 | Type Casting | 147 | 4 | |
| | 6 | Multiple assignment ***** | | | |
| | 7 | Formatting output | 152 | 4 | |
| | 8 | Strings | 33 | 3 | |
| | 9 | Math Library | 170-171, 190 | 4 | All libraries included have to be used |
| | 10 | Hand tracing ***** | | | |
| 4 | 1 | Relational Operators | | | |
| | 2 | if | 62, 68, | 4 | Independent if |
| | 4 | if-else | 109-113 | 4 | |
| | 5 | Nesting | 83-99 | 4 | |
| | 6 | if-else-if | 219 | 4 | |
| | 7 | Flags ***** | | | |
| | 8 | Logical operators | 191 | 4 | |
| | 11 | Validating user input | 201 | 4 | |
| | 13 | Conditional Operator | 72 | 4 | |
| | 14 | Switch | 82 | 4 | |
| 5 | 1 | Increment/Decrement | 62, 67, 76 | 4 | |
| | 2 | While | 72 | 4 | |
| | 5 | Do-while | 198 | 4 | |
| | 6 | For loop | 62 | 4 | |
| | 11 | Files input/output both | | 8 | |
| | 12 | No breaks in loops ***** | | | Failed Project if included |
| ***** Not required to show | | | Total | 100 | |