**Cross Reference for Project 1**

**Where in Code**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chapter** | **Section** | **Topic** | **Line number** |
| 2 | 2 | cout | 181-188 |
|  | 3 | libraries | iostream, iomanip, cmath, cstdlib, fstream, string, ctime |
|  | 4 | variables/literals | 50-58 |
|  | 5 | Identifiers | 50-58 |
|  | 6 | Integers | 51-52 |
|  | 7 | Characters | 50 |
|  | 8 | Strings | 34 |
|  | 9 | Floats No Doubles | 147 |
|  | 10 | Bools | 56 |
|  | 11 | Sizeof \*\*\*\*\* |  |
|  | 12 | Variables 7 characters or less |  |
|  | 13 | Scope \*\*\*\*\* No Global Variables |  |
|  | 14 | Arithmetic operators | 146,148,150 |
|  | 15 | Comments 20%+ |  |
|  | 16 | Named Constants |  |
|  | 17 | Programming Style \*\*\*\*\* Emulate |  |
|  |  |  |  |
| 3 | 1 | cin | 80 |
|  | 2 | Math Expression |  |
|  | 3 | Mixing data types \*\*\*\* |  |
|  | 4 | Overflow/Underflow \*\*\*\* |  |
|  | 5 | Type Casting | 147 |
|  | 6 | Multiple assignment \*\*\*\*\* |  |
|  | 7 | Formatting output | 141 |
|  | 8 | Strings | 34 |
|  | 9 | Math Library |  |
|  | 10 | Hand tracing \*\*\*\*\*\* |  |
|  |  |  |  |
| 4 | 1 | Relational Operators | 109, 114, 143 |
|  | 2 | if | 311-314 |
|  | 4 | If-else |  |
|  | 5 | Nesting |  |
|  | 6 | If-else-if | 268-285 |
|  | 7 | Flags \*\*\*\*\* | askAgain |
|  | 8 | Logical operators |  |
|  | 11 | Validating user input | 236 |
|  | 13 | Conditional Operator |  |
|  | 14 | Switch | 82 |
|  |  |  |  |
| 5 | 1 | Increment/Decrement | 106 |
|  | 2 | While |  |
|  | 5 | Do-while | 266-286 |
|  | 6 | For loop | 324-327 |
|  | 11 | Files input/output both |  |
|  | 12 | No breaks in loops \*\*\*\*\*\* |  |
|  |  |  |  |
|  |  |  |  |
| \*\*\*\*\*\* Not | required to | show |  |

Page 1