Activities in Module 4

* ✓ Learn conditional statements if, if/else, if/else if
* ✓ Apply logical operators
* ✓ Use relational operators
* ✓ Use sentinel flags
* ✓ Perform input validation
* ✓ Learn exception handling
* ✓ The switch statement
* ✓ Learn github pull requests

Reading

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| Assignment Reading 4 | |
|  | Module 4: Branches 4.1 If-else branches (general) 4.2 If-else 4.3 More if-else 4.4 Equality and relational operators 4.5 Detecting ranges (general) 4.6 Detecting ranges with if-else statements 4.7 Logical operators 4.8 Order of evaluation 4.9 Example: Toll calculation 4.10 Switch statements 4.11 Boolean data type 4.12 String comparisons 4.13 Conditional expressions 4.14 Short circuit evaluation 4.15 C++ example: Salary calculation with branches 4.16 C++ example: Search for name using branches |

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| Table of Activities | | |
| **Activity Name** | **Points Possible** | **Meets Competency** |
| **Reading 4** | 250 |  |
| **Buggy Salary Calculator** | 100 | 2.4 |
| **Software Sales** | 100 | 2.7, 2.8, 2.9 |
| **Week 4 Survey** | Module 4 extra credit |  |