Homework 1
CCOM3033-002

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September 2, 2020

1 Problem 5 (Review question) on page 136.

1. $a = 12 * x$
2. $z = 5 * x + 14 * y + 6 * k$
3. $y = x * x * x * x$ or $y = pow(x, 2.0)$ (requires cmath.h).
4. $g = (h + 12)/(4 * k)$
5. $c = (a * a * a)/((b * b) * (k * k * k * k))$ or $c = (pow(a, 3.0))/(pow(b, 2.0) * pow(k, 4.0))$ (requires cmath.h).

2 Problem 25 (Algorithm Workbench) on page 138

2.1 Pseudocode for retailCredit.cpp

We display the pseudocode for retailCredit:

1. **DECLARE:** maxCredit, usedCredit, retailCredit
2. **DISPLAY:** "What is your max credit? "
   - **INPUT:** maxCredit
3. **DISPLAY:** "What is your used credit? "
   - **INPUT:** usedCredit
4. retailCredit=maxCredit-usedCredit
5. **DISPLAY:** "Your retail credit is: " retailCredit