Problem 1:

Extend the solution from the book’s (Introduction to Programming Using Java) chapter 2, problem 5 to accept another parameter from the user, representing the capacity of a box of eggs in ‘gross’ (1 gross = 144 eggs). Then add a line to the program’s output that displays the number of required boxes.

Problem 2:

Review the String class API and write a program that demonstrates the use of any ten of its methods.

Problem 3:

Write a program that accepts a US dollar bill denomination (1, 2, 5, 10, 20, 50, 100) and prints all the ways to exchange it evenly for smaller bills of the same denomination.

Guidelines

Please put your .java files into a single zipfile to submit. For now, please use email to send them.

Use camelCase for your variable names. For variables that contain important program computations, please also make the names meaningful so the program is easier to read.