Textbook Assignment #3: Control Flow, Data Types, and Subroutines

Issued: Tuesday, November 18
Due: Thursday, December 4

Purpose

This assignment asks you to think about control structures, types, procedures, and functions.

Be careful to answer all of an exercise's questions.

Textbook Exercises

Exercise 6.1 (page 279): Associativity versus commutativity.

Exercise 6.23 (page 283): Mid-test loops.

Exercise 6.24 (page 283): Gotos.

Exercise 7.1 (page 373): Type equivalence.

Exercise 7.2 (page 373): More type equivalence.

Exercise 7.8 (page 375): Alignment.

Exercise 8.3 (page 440): Argument evaluation order.

Exercise 8.4 (page 440): C portability.

Exercise 8.6 (page 440): Parameter passing. Explain the four results.

Exercise 8.9 (page 441): Fortran parameter passing.