

Textbook Assignment #1: Introduction

Issued: Wednesday, September 11

Due: Wednesday, September 25

Purpose

This assignment asks you to begin thinking about programming languages and programming-language translation.

Textbook Exercises

Exercise 1.1 (page 36): Demonstrate errors.

Exercise 1.2 (page 36): Justify virtual machines.

Exercise 1.5 (page 37): Experiment with integers in C and Java.

Exercise 1.6 (page 37): Analyze `make`.

Exercise 2.1 (page 102): Write regular expressions.

Exercise 2.9 (page 104): Analyze a regular expression.

Exercise 2.10 (page 104): Write a context-free grammar.

Exercise 2.12 a,b (page 104): Analyze a context-free grammar.

Exercise 2.13 a,b (page 104): Analyze a context-free grammar.

Exercise 2.17 (page 106): Modify a context-free grammar.