

Introduction

- 학습목표(Objectives)
 - ▶ Concepts of expression
 - ▶ Roles of assignment statement

Introduction

- Expressions

- the fundamental means of specifying computations in a programming language.

- the orders of operator and operand evaluation.

- The operator evaluation order of expressions is dictated by

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of the language.

Introduction

- Other issues in expression semantics
 - type mismatches
 - Coercions
 - short-circuit evaluation.

Introduction

- The essence of the imperative programming languages
 - the dominant role of assignment statements.
- The purpose of an assignment statement
 - to change the value of a variable.

Introduction

- ▶ An assignment statement can simply cause a value to be copied from one memory cell to another.
- ▶ Simple assignment statements specify
 - 1) an expression to be evaluated
 - 2) a target location in which to place the result of the expression evaluation.