

CMPE 101: Object Oriented Programming

Worksheet 1A

Istanbul Bilgi University

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Part I

Download Lecture Example-01-01 and do it again.

Part II

Create three different variable: integer x, integer y, double z. Convert each of the following mathematical formulas to a Java expression:

- $3x + 5y$
- $\frac{x-y}{2}$
- $\frac{2x+3y}{z+4}$

Part III

Convert the following mathematical formulas to a Java expression: Suppose: x is integer, y is double, and z is float. Test your expressions with different values.

$$\frac{x^3 + y^2 - z^2}{3x^2 + z}$$