

Exercise 5-1 Practice your own function: calc_func.c

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- Modify the sample program add_func2.c (with prototype declaration) and create a program calc_func.c that adds the three functions of
 - Subtraction function: sub_func
 - Multiplication function: multi_func
 - Division function: div_func
- Also, in the main function, execute the following calculation without using arithmetic operators.
 - $Y = (2.0 + 1.0) \times 6.0 / 1.5 - 3.0$
- However, the variable of each function is double type.
- The function should be defined after the main function and a prototype declaration should be used.

$$y = (2.0 + 1.0) \times 6.0 / 1.5 - 3.0$$

[Hint]

For example, if $y = 2.0 \times 3.0 + 4.0$, it is calculated as follows.

$$y = \text{add_func}(\text{multi_func}(2.0, 3.0), 4.0)$$