

Exercise 3-2: `switch` statement

16

■ `operator.c`

- Create a calculator program that performs the four arithmetic operations (+, -, *, /) of the two input real numbers, referring to `sample.c` in the first lecture.
 - Input and output examples:
 - Input “12 + 3” → Display: “15.00”
 - Input “7.5 -10” → Display: “-2.50”
 - Input “2 * 5” → Display: “10.00”
 - Input “10 / 2.5” → Display: “4.00”
- Tips
 - The operators of the four arithmetic operations are read as a char type character, and the processing is switched depending on the value in the switch statement.
 - Read 3 inputs from the console

```
scanf ("%? %? %?", &x, &op, &y);
```

↑ ↑ ↑

What should we choose for the format specification?

The variable `op` is of type `char`
'+', '-', '*', '/' are included