Lab 2.2.25.4 Priorities and parentheses: part 4 - own computation

Objectives

Familiarize the student with:

- Doing simple math with operators, variables and numbers
- Order of operations
- Printing on screen

Scenario

Complete the program below. Compute the accrued amount of money with a starting value of 100 and an annual interest rate of 1.5%. Compute and print the results for first three years. Your version of the program must print the same result as the expected output for every year. Compute each annual value on the basis of the previous year's value.

```c
#include <stdio.h>

int main()
{
 float startValue = 100;
 float interestRate = 0.015;
 float firstYearValue;
 float secondYearValue;
 float thirdYearValue;
 /* Your code */
 printf("After first year: %f\n", firstYearValue);
 printf("After second year: %f\n", secondYearValue);
 printf("After third year: %f\n", thirdYearValue);
 return 0;
}
```

Example output

```
After first year: 101.500000
After second year: 103.022499
After third year: 104.544998
```