Estimated time

- 20 minutes

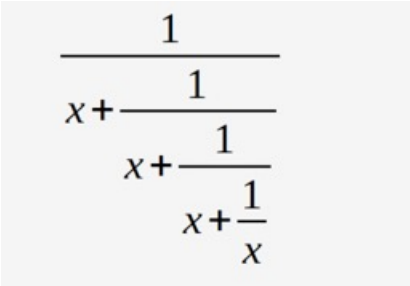
Level of difficulty

- intermediate

Objectives

- becoming familiar with the concept of numbers, operators and arithmetic operations in Python;
- understanding the precedence and associativity of Python operators, as well as the proper use of parentheses.

- **Scenario**
  - Your task is to complete the code in order to evaluate the following expression:



  - The result should be assigned to `y`. Be careful - watch the operators and keep their priorities in mind. Don't hesitate to use as many parentheses as you need.
  - You can use additional variables to shorten the expression (but it's not necessary). Test your code carefully.

Test Data

Sample input: 1

Expected output:

y = 0.6000000000000001

Sample input: 10

Expected output:

y = 0.09901951266867294

Sample input: 100

Expected output:

y = 0.009999000199950014

Sample input: -5

Expected output:

y = -0.19258202567760344

codelab

```
1 x = float(input("Enter value for x: "))
2
3 # Write your code here.
4
5 print("y =", y)
6
```