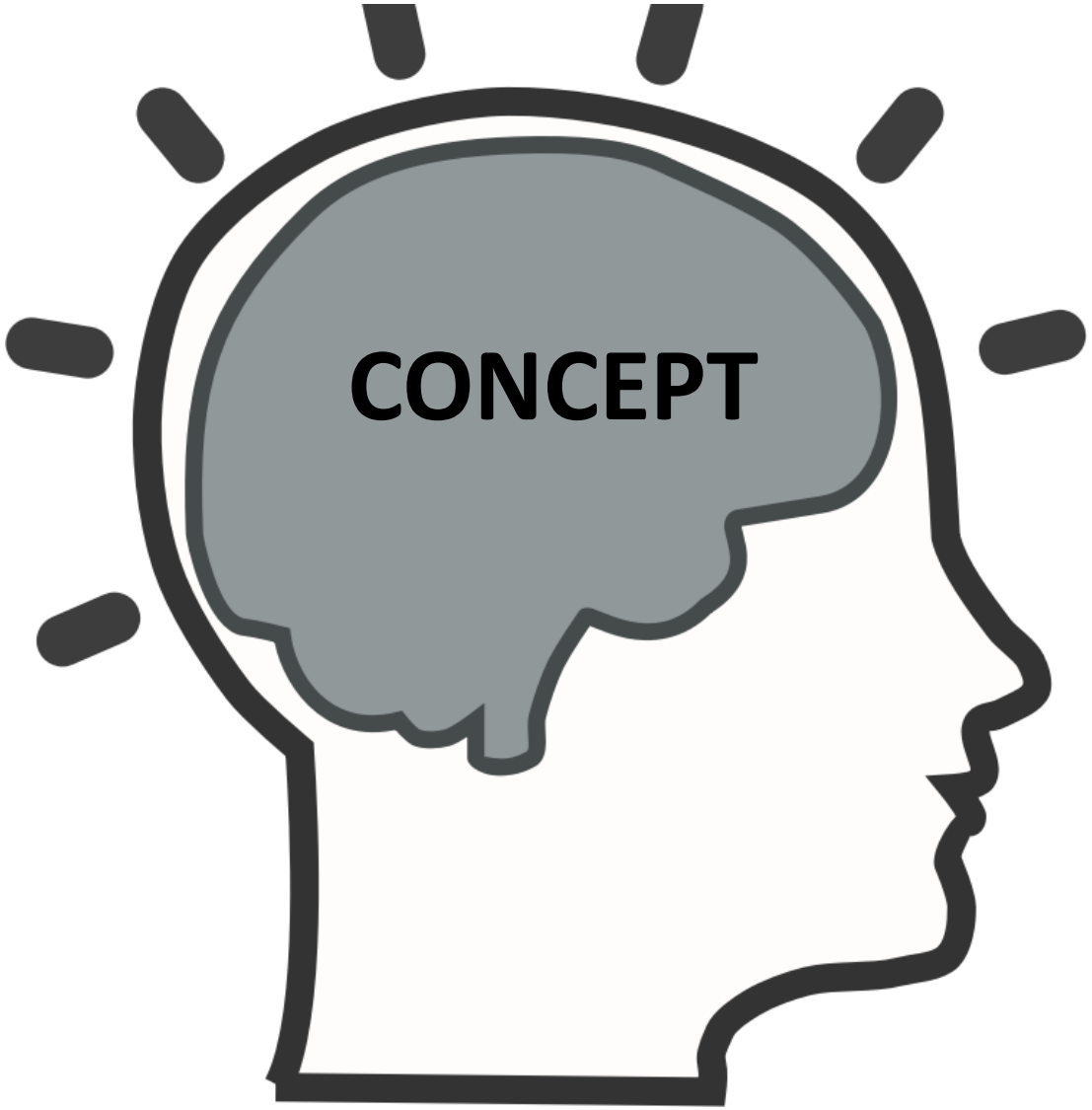
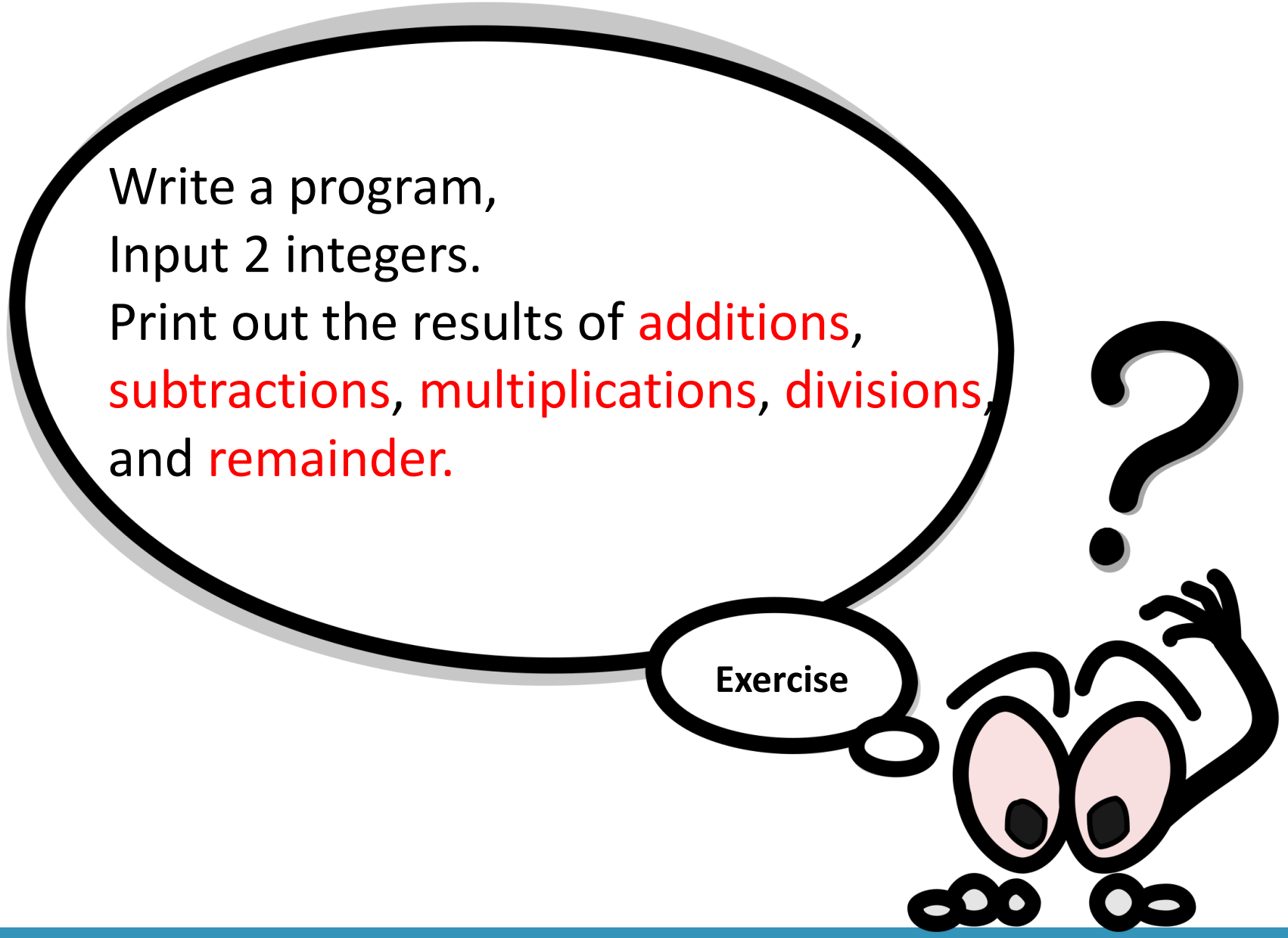
Python

Add, subtract, multiply, and division and mod



18dice

Write a program,
Input 2 integers.
Print out the results of additions, subtractions, multiplications, divisions, and remainder.



Python

Solve the problem with python

Python's 6 arithmetic operators

Symbol	Function
+	Addition
-	Subtraction
*	Multiple
/	Floating point division
//	Integer division
%	Mod

Codes of Python's 6 arithmetic operators

Symbol	codes
+	x+y
-	x-y
*	x*y
/	x/y
//	x//y
%	x%y

Integer division vs Floating point division

Integer division: //

- The result must be an **integer**

10 / /2 = 5

10 / /3 = 3

Floating point division: /

- The result is expressed as **floating points**

10 / 2 = 5.00

10 / 3 = 3.33

The priority of the operation is the same as the math.

- Parenthesis takes precedence
- Multiply, divide, and take the mod first
- The same expression contains several additions and subtractions, one by one from left to right

Sample

```
num1 = 10
num2 = 3

print(“{0} + {1} = {2}”.format(num1, num2, num1+num2)) # output: 10 + 3 = 13
print("{0} - {1} = {2}".format(num1, num2, num1-num2)) # output : 10 - 3 = 7
print("{0} * {1} = {2}".format(num1, num2, num1*num2)) # output : 10 * 3 = 30
print("{0} / {1} = {2:.2f}".format(num1, num2, num1/num2)) # output : 10 / 3 = 3.33
print("{0} // {1} = {2}".format(num1, num2, num1//num2)) # output : 10 // 3 = 3
print("{0} % {1} = {2}".format(num1, num2, num1%num2)) # output : 10 % 3 = 1
```