lab.md 12/4/2019

Lab 1.02 - Using the Interpreter

Part 1

Using the interpreter, type in the expressions below. Copy and paste the output into the output column. If the result is unexpected, note that in the third column.

Section 1

	Input	Output	Did it do something unexpected?
а	5 + 2 * 2		
b	2/3		
С	2.0 * 1.5		
d	(2 + 3) * 10		
е	5.0 // 2		
f	5.0 % 2		

Section 2

	Input	Output	Did it do something unexpected?
а	a		
h	'a'		

Section 3

	Input	Output	Did it do something unexpected?
а	'a + b'		
b	'a' + 'b'		

Section 4

	Input	Output	Did it do something unexpected?
а	'a' * 'b'		
b	'a' * 2		

Part 2

Before going to the IDE

1. For each item, predict the data type of the result and enter into the "String/Integer/Float" column.

lab.md 12/4/2019

2. Next, predict the value of the result for each item and enter into it into the "Prediction of Result" column.

	Expression	String/Integer/Float	Prediction of Result	Interpreter Result
а	10 * 2	integer	20	20
b	.5 * 2			
С	10/2			
d	10%2			
е	2 ** 3			
f	(2+5)*3			
g	2 + 5 * 3			
h	'ab' + '12' + '3'			
i	х			
j	"ab" + "cd"			
k	'abc' * 2			
1	'1'*2 + '2' * 3			
m	1 * 2 + '3' * 2			
n	'A' ** 2			
0	'bc' % 2			
р	'bc' / 2			

Now go to the IDE

Use the interpreter to evaluate the expressions, write down results in the "Interpreter Result" column.