<u>Dashboard</u> / My courses / <u>ML and DA</u> / <u>VIRTUAL PROGRAMMING CSE C1& D1</u> / <u>21.12.2021_Ex 2: Learning Operators</u>

Started on Tuesday, 21 December 2021, 2:06 PM

State Finished

Completed on Tuesday, 21 December 2021, 2:35 PM

Time taken 28 mins 53 secs

Grade 3.00 out of 3.00 (**100**%)

Question 1

Correct

Mark 1.00 out of 1.00

Write python code to add any two numbers.

```
Answer: (penalty regime: 0 %)
```

```
1 | a = input()
2 | b = input()
3 | a = float(a)
4 | b = float(b)
5 | print("The sum of", a ,"and", b ,"is", a+b)
```

	Input	Expected	Got	
~	1.5	The sum of 1.5 and 6.3 is 7.8	The sum of 1.5 and 6.3 is 7.8	~

Passed all tests! 🗸

Question author's solution (Python3):

```
1 | num1 = 1.5

2 | num2 = 6.3

3 | sum = num1 + num2

4 | print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Marks for this submission: 1.00/1.00.

Question 2

Correct

Mark 1.00 out of 1.00

Write a python code to add two numbers using input() function.

```
Answer: (penalty regime: 0 %)
```

	Input	Expected	Got	
~	5	5	5	~
	3	3	3	
		The sum of 5 and 3 is 8.0	The sum of 5 and 3 is 8.0	
~	3.5	3.5	3.5	~
	2.8	2.8	2.8	
		The sum of 3.5 and 2.8 is 6.3	The sum of 3.5 and 2.8 is 6.3	
~	99	99	99	~
	72.6	72.6	72.6	
		The sum of 99 and 72.6 is 171.6	The sum of 99 and 72.6 is 171.6	

Passed all tests! 🗸

Question author's solution (Python3):

```
1  | num1 = input()
2  | num2 = input()
3  | sum = float(num1) + float(num2)
4  | print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Marks for this submission: 1.00/1.00.

Mark 1.00 out of 1.00

```
Question 3

Correct
```

Write python code to add two numbers without using plus operator.

Answer: (penalty regime: 0 %)

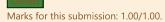
```
1 def Add(x, y):
         while(y != 0):
 2 v
 3
            carry = x & y
             x = x ^ y
 4
 5
            y = carry << 1
 6
            print(carry)
 7
           print(x)
 8
             print(y)
 9
10  #a = int(input())
11  #b = int(input())
12 Add(5, 3)
```

	Input	Expected	Got	
~	5	1	1	~
	3	6	6	
		2	2	
		2	2	
		4	4	
		4	4	
		4	4	
		0	0	
		8	8	
		0	0	
		8	8	
		0	0	

Passed all tests! 🗸

Question author's solution (Python3):

```
1 v def add_without_plus(a,b):
 2 🔻
     while b!=0:
 3
        data = a&b
 4
        print(data)
 5
        a = a^b
 6
        print(a)
 7
       b = data<<1
       print(b)
 8
    return a
10 | add_without_plus(5,3)
```



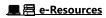
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