

Morning Challenge

Question 3

Write a program should print out all the numbers from 1 to 300, but prints out Fizz instead if the number is divisible by 3, Buzz instead if the number is divisible by 5, and FizzBuzz if the number is divisible by 3 and 5. What is the total number of numbers that is either Fizzed, Buzzed, or FizzBuzzed?

```
In [10]: count_fizz = 0
count_buzz = 0
count_fizzbuzz = 0

number = (range(1, 301))
for n in number:
    if n % 3 == 0 and n % 5 == 0:
        count_fizzbuzz = count_fizzbuzz + 1
        print('count_fizzbuzz')
    elif n % 3 == 0:
        count_fizz = count_fizz + 1
        print('count_fizz')
    elif n % 5 == 0:
        count_buzz = count_buzz + 1
        print('count_buzz')
    else:
        print(n)
```

```
1
2
count_fizz
4
count_buzz
count_fizz
7
8
count_fizz
count_buzz
11
count_fizz
13
14
count_fizzbuzz
16
17
count_fizz
19
count_buzz
```

```
In [11]: print ('fizz', count_fizz)
print ('buzz', count_buzz)
print ('fizzbuzz', count_fizzbuzz)

fizz 80
buzz 40
fizzbuzz 20
```

In []:

In []:

