

# MORNING CHALLENGE

## QUESTION 3

I 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 [1]:

```
Fizz = 0
Buzz = 0
FizzBuzz = 0

numbers = (range(1,301))
for i in numbers:
    if i % 3 == 0 and i % 5 == 0:
        FizzBuzz = FizzBuzz + 1
        print('FizzBuzz')
    elif i % 3 == 0:
        Fizz = Fizz + 1
        print('Fizz')
    elif i % 5 == 0:
        Buzz = Buzz + 1
        print('Buzz')
    else:
        print(i)
```

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
~
```

In [2]:

```
print('Number of Fizz :', Fizz)
print('Number of Buzz :', Buzz)
print('Number of FizzBuzz :', FizzBuzz)
```

Number of Fizz : 80

Number of Buzz : 40

Number of FizzBuzz : 20

In [ ]: