fizzBuzz

September 11, 2020

python programmer

```python
[5]: for i in range(1,16):
         if i%3 == 0:
             print("Fizz", i)
         elif i%5 == 0:
             print("Buzz", i)
         elif i%3 == 0 and i%5 == 0:
             print("FizzBuzz", i)
         else:
             print(i)
```

```
1
2
Fizz 3
4
Buzz 5
Fizz 6
7
8
Fizz 9
Buzz 10
11
Fizz 12
13
14
Fizz 15
```

Non funziona perchè prima di arrivare ad if and esegue le precedenti e, trovandone corretta almeno una, si ferma!

```python
[9]: for i in range(1, 16):
         if i%3 == 0 and i%5 == 0:
             print("FizzBuzz", i)
         elif i%3 == 0:
             print("Fizz", i)
         elif i%5 == 0:
             print("Buzz", i)
         else:
```

```
        print(i)
```

```
1
2
Fizz 3
4
Buzz 5
Fizz 6
7
8
Fizz 9
Buzz 10
11
Fizz 12
13
14
FizzBuzz 15
```

[13]:
```python
for i in range(1,16):
    output = ""
    if i%3 == 0:
        output = "Fizz"
    if i%5 == 0:
        output += "Buzz"
    print(output or i) #se la stringa è vuota stampa i
```

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

[14]:
```python
for i in range(1,16):
    output = "Fizz" if i%3 == 0 else ""
    output += "Buzz" if i%5 == 0 else ""

    print(i) if output == "" else print(output)
```

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

[16]:
```python
for i in range(1,16):
    print("Fizz" * (i%3<1)+(i%5<1)*"Buzz" or i)
```

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

[ ]: