Solution Review: List of Cubes

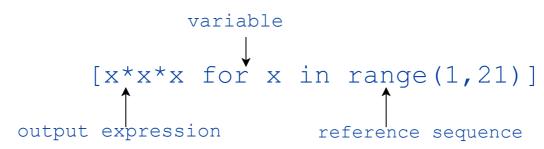
This lesson gives a detailed review of how to print a list of cubes using a list comprehension.

WE'LL COVER THE FOLLOWING

- Solution1: List Comprehension
- Solution2: List Comprehension

Solution1: List Comprehension

As we have already seen in the previous exercise, list comprehensions allow for in-place list creation using a range that mathematical operations can be done on. This solution uses the same approach; we can simply use a list comprehension that iterates over a range of 1-21, and cubes each element as it goes.



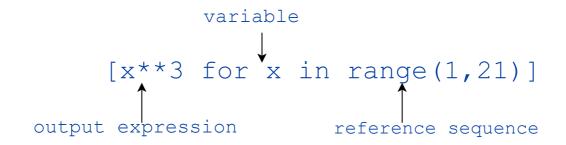
```
def getCube():
    11 = [x*x*x for x in range(1, 21)]
    return 11
    11 = getCube()
    print(11)
```

Solution2: List Comprehension

This solution uses the same approach; we can simply use a list comprehension

the range.

```
x ** y \label{eq:denotes} \mbox{denotes x raised to power y, i.e., } x^y
```



```
def getCube():
    11 = [x**3 for x in range(1,21)]
    return 11

l1 = getCube()
    print(l1)
```

#

Now, let's move on to the next challenge of list comprehension.