Solution Review: Sum of Squares of Even Numbers

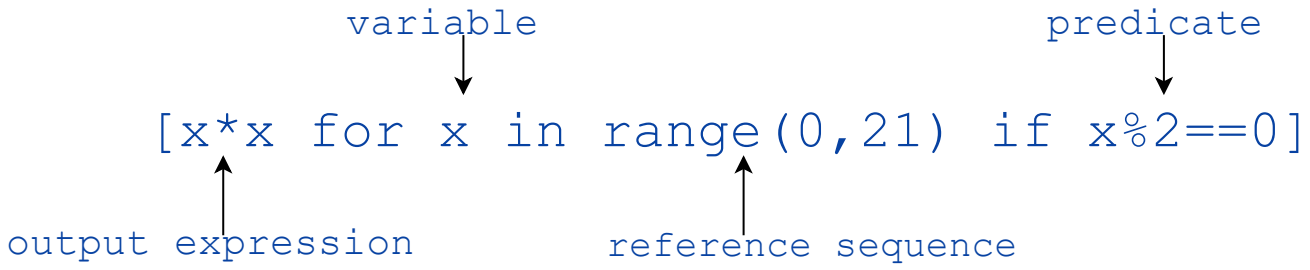
This lesson gives a detailed review of how to generate sum for a list of squares of even numbers using a list comprehension.

WE'LL COVER THE FOLLOWING

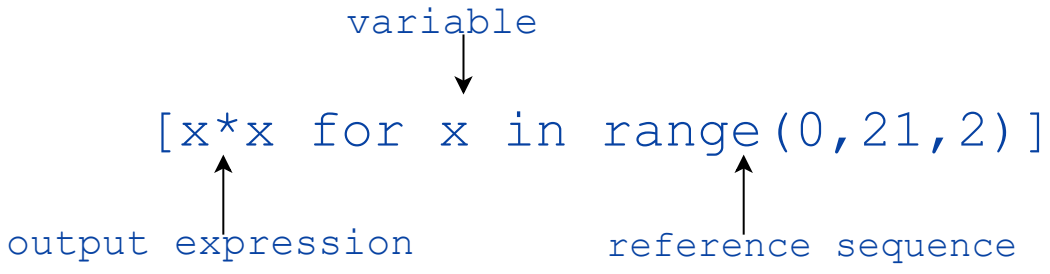
Solution: List Comprehension With Predicate

The solution is similar to what we've implemented in most of our previous challenges.

- Use a list comprehension that iterates over the range of even numbers and squares each element to obtain a list of even squares
- Use the `sum(list)` to calculate the sum of even squares



Or use the following reference sequence without predicate.



The following python code uses a list comprehension to get the sum of squares of even numbers in a list.

```
def evenSquareSum():
  even = [x * x for x in range(0, 21, 2)]
  return sum(even)

print(evenSquareSum())
```

Let’s move on to the next challenge.