Solution Review: Highs and Lows

This review explains the solution for the 'Highs and Lows' exercise.

We'll cover the following

Solution

```
def count_low_high(num_list):
    high_list = list(filter(lambda n: n > 50 or n % 3 == 0, num_list))
    low_list = list(filter(lambda n: n <= 50 and not n % 3 == 0, num_list))
    return [len(low_list), len(high_list)]


num_list = [20, 9, 51, 81, 50, 42, 77]

print(count_low_high(num_list))
```

Explanation

In this solution, the star of the show is the `filter()` function. We use it to filter all the elements that count as a `high` in one list and all the rest in another list.

To count all the elements of both lists, we can simply use the `len` function.

We didn't have to use lambdas but they definitely make the code simpler, and that's what Python is all about!