Instructions

Mean of a list

Problem | Solutions

We'll start with an easy question to check everything is working.

Write a function **calculate_mean** that calculates the mean of a list of numbers. Your function should take a single argument, the list of floats, and return the mean of that list, like this:

```
>>> calculate_mean([1, 2.2, 0.3, 3.4, 7.9])
2.96
```

We'll test your function on different lists, so make sure it works for the general case. Here's another example of how it should work:

```
>>> calculate_mean([1.2, 3.8, 2.2, 8.2, 7.1])
4.5
```

Your solution cannot use the builtin `statistics` module.

Make sure your program works for negative numbers as well. We will not test your program with an empty list.

Remember the testing trick!

In Grok, you must **only** submit your function definition. Your program must not print any output. To test your function, use the `__name__ == '__main__'` trick, like this:

```
def double(a):
  return a*2

if __name__ == '__main__':
  # run your tests in here
  print(double(5))
```

Everything in this `if` statement will be ignored by the marker.