

3/25/21 Functions

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Nice article from Real Python on functions

<https://realpython.com/defining-your-own-python-function/>

Problem:

Given a dictionary containing customer number, names, and months spending.
Find the average amount spent per customer.

```
customers =  
{'001': ['Alex', 100.00],  
'314': ['Sonya', 25.25],  
'174': ['Erika', 30.51],  
'521': ['Anthony', 34.56],  
'231': ['Joseph', 13.76]  
}
```

- basic function syntax
- the return statement
- the pass statement
- value of functions: modularity and reusability
- arguments
- positional arguments
- keyword arguments
- *args
- *kwargs