# Functions

A function is a block of code that can be "called" at any time.
Assume that everything you do will be using a function.

```
def my_function():
        function
        code goes here

        return some value
```

name
arguments (can be empty)

← return statement (Sends back a value
    to the place where the function
    is called)
If there is nothing to return, use

return None

```
my_value = my_function()
```
↑ holds the returned value.

functions do not have to have
a return statement, but
it is good to get into the
habit of using them.

a return automatically
terminates the function.

adding numbers
```
def add_two (a,b)
        my_sum = a+b
        return my_sum

def main():
        my_value = add_two(4,5)
        print(my_value)
main()
```
← arguments.