Functions

Lesson Outcomes

1. Know how to create and use functions with zero parameters
2. Know how to create and use functions with one parameter
3. Know how to create and use functions with multiple parameters
4. Know how to call a function outside of other functions
5. Know how to call a function inside of another function
6. Know how to use return

Defining and Calling Functions With No Parameters

```python
def ex():
    print("hello world")

ex()
```

Defining and Calling Functions With a Single Parameter

```python
def single(a):
    print(a)


single(9)
```

Defining and Calling Functions with Multiple Parameters

```python
def mult(a, b, c):
    d = a * b
    print(d + c)


mult(2, 3, 4)
```

Calling Functions Inside of Other Functions

```python
def giver(a, b):
    c = a + b
    return c


def taker(d, e):
    output = giver(d, e)
    return output

print(taker(1, 5))
```

Recap

1. Know how to create and use functions with zero parameters
2. Know how to create and use functions with one parameter
3. Know how to create and use functions with multiple parameters
4. Know how to call a function outside of other functions
5. Know how to call a function inside of another function
6. Know how to use return

What's Next?