

# Functions & Libraries

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# Functions - Definition in Python

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- **return** *something* - End of the function

# Functions - Calling

Define:

```
def fibonacci(number):  
    a = 0  
    ...  
    b = a + b  
    return a
```

Calling the function:

```
>>> result = fibonacci(6)  
>>> print(result)  
8
```

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- **print**(*something*)
- **len**(*something*)
- **range**(*something*)
- **input**(*something*)

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- **None** - Nothing
- **return a** - One value
- **return a, b, c** - Multiple values

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Special data type in Python: **Tuple**

# Tuples

Special data type in Python: **Tuple**  
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- Immutable
- Ordered
- Can contain multiple data types

**Next week: Using functions and  
libraries**

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