

# Week 3: Complex Data Types

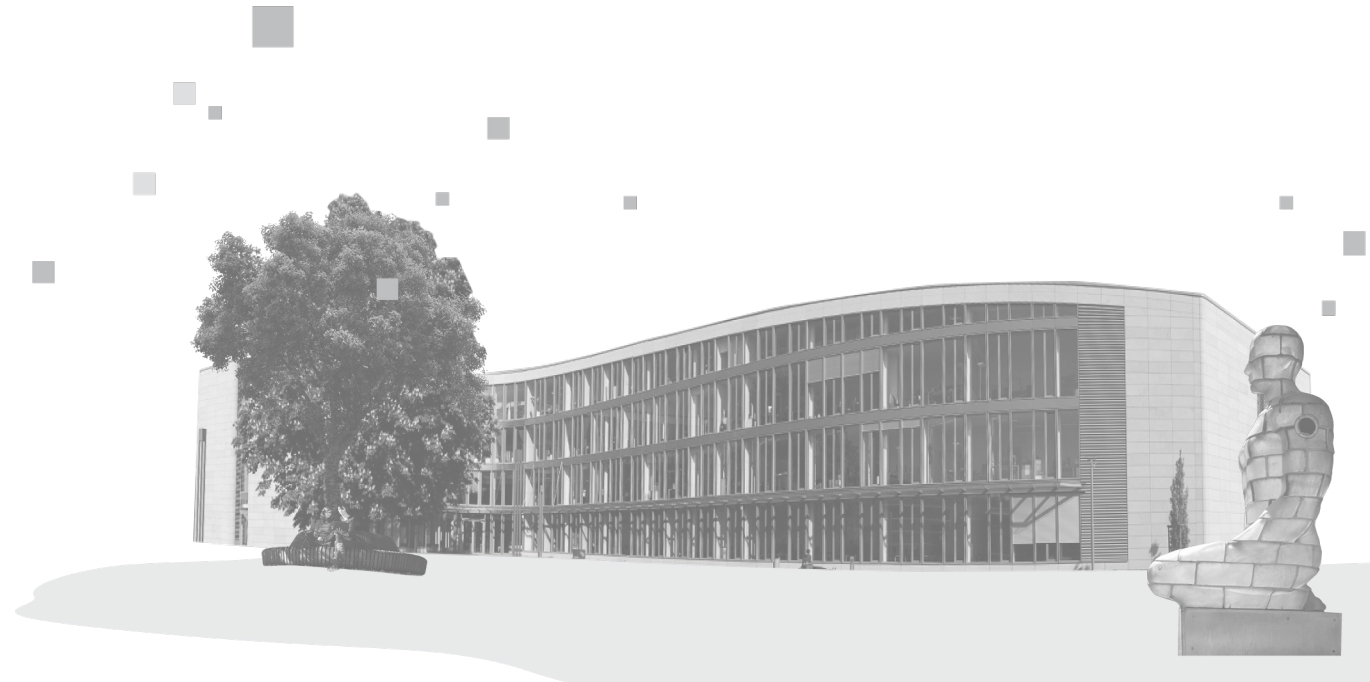
## Unit 5: Important Functions and Methods for Complex Data Types

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# Important functions and methods for complex data types

There are a variety of methods and functions for complex data types

- Structure of lists, tuples, and dictionaries differs
- Different structures → partly different methods/functions applicable

Method	List	Tuple	Dictionary
<code>.sort()</code>	X		
<code>.pop()</code>	X		X
<code>.count()</code>	X	X	
<code>.index()</code>	X	X	
Function	List	Tuple	Dictionary
<code>del()</code>	X		X
<code>len()</code>	X	X	X
<code>min/max()</code>	X	X	
<code>sorted()</code>	X	X	

# Important functions and methods for complex data types

## Showtime

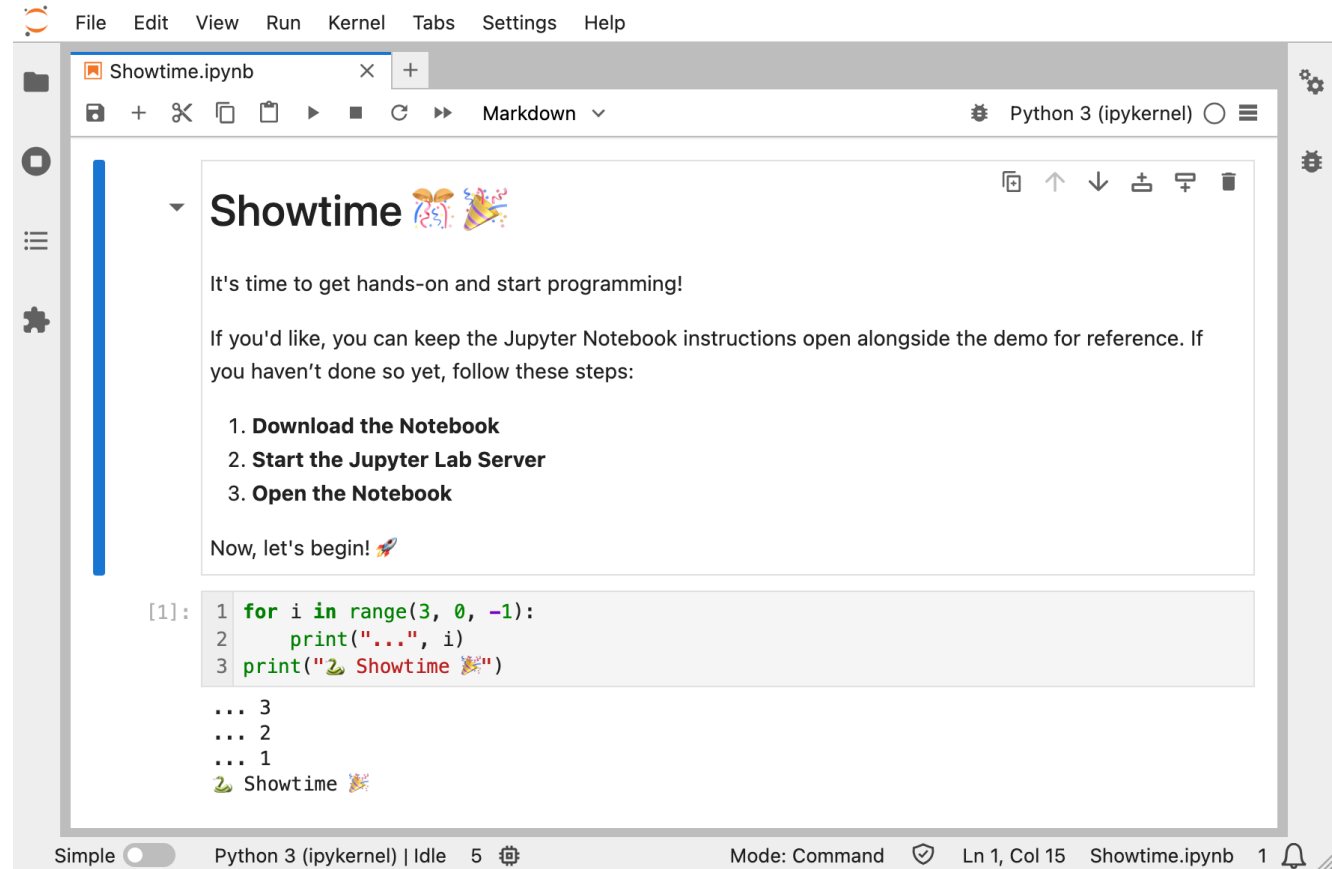


Now it's time to get hands on and start programming!

If you like, you can open the [Jupyter Notebook](#) instructions in parallel to the demo.

If you haven't done so yet:

- [Download the Notebook](#)
- [Start the Jupyter Server](#) and open the Notebook



# Important functions and methods for complex data types

## Summary / key takeaways

In this unit you learned ...

- ... the common methods and functions for lists, tuples, and dictionaries
- ... why not all methods are available for all types

