Functions That Work with Iterators

- Convenience functions
- Numerical and logical functions
- Itertools
- Functools
- Example

Using Convenience Functions

- Several built-in functions for working with iterators
- zip(), map(), enumerate(), and filter()
- How these functions compare to list comprehensions and generator expressions

Using Numerical and Logical Functions

- Several built-in functions for working with iterators
- Logical functions any(), all()
- Numerical functions min(), max(), sum()
- How these functions compare to generator expressions

The Itertools Module

- The itertools module which provides
 - A wide variety of functions to create (or operate on) iterators
 - To select and group elements from iterators
 - To implement combinatorial logic

The Functools Module

- The concept of higher-order functions
- The functools module

