Range_Iterable

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Agenda

- ➢ What are iterables
- ➢ What is range.
- ➢ How to create range object
- ➢ Accessing range elements

What are iterables

- An iterable is an object that contains a countable number of values.

- Technically, in Python, an iterator is an object which implements the iterator protocol, which consist of the methods __iter__() and __next__().

  iterable

Range	Str	Bytes
List	Set	Bytearray
Tuple	dict	Frozenset

What is range

- **range is a class**

- **range is immutable sequence**

  - ✓ Immutable → Not Changeable

  - ✓ Mutable   → Changeable

- **range can contain only int type values**

- **range contains sequence of integers with common difference (Arithmetic progression)**

How to create range object

r = range(begin,   end,   stape)

Accessing range elements