



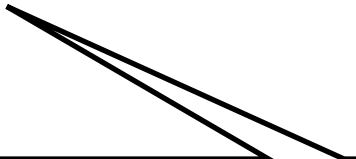
construct-from-elements, chunks, lists, generators, etc.

- intermediate operations (produce another sequence): `map`, `flatMap`, `filter`, `take`, `takeWhile`, `drop`, `dropWhile`, `zip`, etc.

terminal operations: toList, first, last, single, any, all, etc

**Sequences**

**operation types**

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  - **when the terminal operation finishes the evaluation of the sequence stops**

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- **lazy**
  - **similar to**  
**Collections API**



# Sequences

## operation types

- construct - from elements, chunks, lists, generators, etc.
- intermediate operations (produce another sequence): `map`, `flatMap`, `filter`, `take`, `takeWhile`, `drop`, `dropWhile`, `zip`, etc.
- terminal operations: `toList`, `first`, `last`, `single`, `any`, `all`, etc

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# Sequences

## from Collections

- reuse most of the intermediate operation
- just add `.asSequence` & a terminal operation