map() Function:

- Applies a function to each item in an iterable (like list, tuple).

Syntax:

- map(function, iterable)
- Returns a map object (need to convert to list).

filter() Function:

- Filters elements from an iterable based on a condition.

Syntax:

- filter(function, iterable)
- Returns only items where condition is True.

reduce() Function:

- Performs a rolling computation to reduce iterable to a single value.
- Comes from **functools** module.

Syntax:

reduce(function, iterable)

Importance:

- map() → Transform data.
- filter() → Select specific data.
- reduce() → Combine data into a single result.