

Day 2: 17 Apr 2025

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- Match-Case statement in case of multiple if-else/else-if statements.
- Zip()

Built-in function . The zip object yields n-length tuples, where n is the number of iterables passed as positional arguments to zip()

- Built in functions

`max(numbers)`

`min(numbers)`

`sum(numbers)`

Data Structures.

- List
 - List comprehensions can also be used with conditions
 - Dictionary comprehension inside List comprehension for output of “list of dictionary”
- Dictionary
 - Pop() method to delete dictionary item.

- Square bracket notation to add new item to dictionary.
- Square bracket notation to update value for a key in a dictionary.
- Square bracket notation to add item to dictionary.
- Dictionary comprehension
`{key: value for (key, value) in iterable if condition(key, value)}`
- The del keyword to delete a key-value from dictionary

- Set

- `class set()`
- `set()` -> new empty set object `set(iterable)` -> new set object
- Build an unordered collection of unique elements.
- `.intersection()` method to get common elements
- “+” operator to add two sets . unique in both (remove duplicates):