

Tuple

1. Immutable
2. Indexing
3. Slicing
4. Concatenation, Repetition
5. Type
6. Type casting: list, set, string, dictionary
7. Empty tuple : `t = ()`
8. Tuple with one element : `t = (1,)` or `1`, not this `[(1)-int]`
9. Tuple with multiple elements : `t = (1,2,3)` or `1,2,3`
10. Functions : `len()`, `sorted()`, `index()`, `count()`
11. Packing and unpacking: `t=1,2,3 => a,b,c=t => a=1,b=2,c=3`
12. Nesting
13. Multiple return to create tuple
14. Del to delete entire tuple

Sets

1. Mutable
2. Empty set
3. With one element : `s = {1}`
4. With multiple elements : `{1,4,3}`
5. Type
6. Type casting: list, tuple, dictionary, string
7. Functions : `add()`, `update()`, `remove()`, `discard()`, `pop()`, `clear()`, `union()`, `intersection()`, `difference()`, `symmetric_difference()`
8. Set operations: `union ||`, `intersection &`, `difference -`, `symmetric difference ^`
9. Nesting
10. Del to delete entire set

Dictionary

1. Mutable and unordered
2. Type
3. Functions: `keys()`, `values()`, `items()`, `zip()`, `get(key)`, `get(key,return)`, `len()`, `update()`, `pop(key)`, `clear()`
4. Add or change new key with value
5. Zip to pair of lists, tuples, sets, dictionary
6. Zip displays those which have key and value. Other are ignored
7. Del keyword