tuples

Tuples are data structures that store multiple elements in a single variable. They are characterized by being ordered and immutable. This feature makes them more memory efficient and damage-proof.

mutable ✗   **ordered** ✓   allow **duplicates** ✓

```python
my_tuple = (1, "two", [3.33, "four"], (5.0, 6))
```

indexing (access to data)

```python
print(my_tuple[3][0])
>> 5.0
```

casting (data type conversion)

```python
lista_1 = list(mi_tuple)
print(lista_1)
>> [1, "two", [3.33, "four"], (5.0, 6)]
```

is now a mutable structure

unpacking (data extraction)

```python
a, b, c, d = my_tuple
print(c)
>> [3.33, "four"]
```