

List vs Dictionary

in PYTHON

List

The list is a collection of index value pairs like that of the array in C++.

The elements are accessed via indexes.

Lists are mutable, orders and can contain duplicates.

The list is created using square brackets [] and separated by commas “,”

The indexes of the list starts with 0.

The order of the elements entered is maintained.

Dictionary

The dictionary is a hashed structure of the key-value pairs.

The elements are accessed via key of the key-value pairs.

Dictionaries are also mutable but unordered and they cannot contain duplicate keys.

The dictionary is created using curly brackets { } as “key”:”value” pair and each key-value pair is separated by commas “,”

The keys of the dictionary can be of any data type.

There is no guarantee for maintaining order.

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