

Difference between a list ,Tuple, Set and Dictionary

List	Tuple	Set	Dictionary
A collection of items of any data type	A collection of items of any data type	A set-in python is like a mathematical set. It does not hold duplicate values and arranges in ascending order	A Python dictionary contains key-value pairs just like a real-world dictionary has word and its meaning pair
Example: X=['a',2,True,'b']	Example: X=('a',2,True,'b')	Example: X={1,2,3,4}	Example: X= {1:'Jan', 2:'Feb', 3:'Mar'}
Mutable (can be edited)	Immutable (Cannot be edited)	Mutable (can be edited)	Mutable (can be edited)
Supports Indexing	Supports Indexing	Does not Supports Indexing in python	Supports Indexing using keys
Function: list()	Function: tuple()	Function: set()	Function: dict()