|  |  |  |  |
| --- | --- | --- | --- |
| List | Dictionary | Tuple | Set |
| [ ] or list() | { } or dict() | ( ) or tuple() | { } or set() |
| It is mutable. | It is mutable. | It is not mutable. | It is mutable. |
| Slicing is possible. | Slicing is not possible. | Slicing is possible. | Slicing is not possible. |
| Items in list can be changed or replaced. | Items in dict can be changed or replaced. | Items in tuple can not be changed or replaced. | Items in set can not be changed or replaced. |
| It is ordered collection of items. | It is unordered collection of items. | It is ordered collection of items. | It is unordered collection of items. |
| Can contain duplicate values. | Can’t contain duplicate keys but can contain duplicate values. | Can contain duplicate elements. | Can’t contain duplicate elements. |
| list = [10,20,30] | dict = {1:10,2:20} | tup = (45.5,23,True) | set = {False,87,12} |