|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **String** | **List** | **Tuple** | **Set** | **Dictionary** |
| Immutable | Mutable | Immutable | Mutable | Mutable |
| Ordered/Indexed | Ordered/Indexed | Ordered/Indexed | Unordered | Unordered |
| Allows duplicate members | Allows duplicate members | Allows duplicate members | Doesn’t allow duplicate members | Doesn’t allow duplicate keys |
| Empty string = “” | Empty list  = [] | Empty tuple  = () | Empty set  = set() | Empty dictionary = {} |
| String with single element = “A” | List with single item = [“Achal”] | Tuple with single item = {“Achal”} | Set with single item = {“Achal”} | Dictionary with single item = {“Achal”:1} |
| --- | It can store any data types: str, list, set, tuple, int and dictionary | It can store any data types: str, list, set, tuple, int and dictionary | It can store int, str, tuple, but not list, set and dictionary | Inside the dictionary, **Key** can be int, str and tuple only. **Values** can be of any data types str, list, set, tuple, int and dictionary |