|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Basic of  Difference | List | Tuple | Set | Frozen set | dict |
| Collection | Yes | Yes | Yes | Yes | yes |
| Syntax | List name=  [v1,v2,v3] | Tuple name=  (vi,v2,…,vn) | Set name = {vi, v2,vn} | Frozen set name=  ({v1,v2,..vn}) | Dictionaryname=  {key1:value1,….  Keyn : valuen.} |
| Homogeneous  And  Heterogeneous | Allowed | Allowed | Allowed | Allowed | Allowed |
| Insertion order  Is preserved | preserved | preserved | Not preserved | Not preserved | preserved |
| Slicing And Indexing | Allowed | Allowed | Not Allowed | Not Allowed | Not Allowed |
| Duplicate Elements | Allowed | Allowed | Not Allowed | Not Allowed | D keys=not allowed  D value=allowed |
| Mutable | Mutable | immutable | Mutable | immutable | Mutable |