|  |  |  |  |
| --- | --- | --- | --- |
| List | Tuple | Dictionary | Set |
| Ordered collection of elements/objects | Ordered collection of Objects | UnOrdered collection of Objects | UnOrdered, unindexed collection of Objects |
| Elements can be different datatype | Objects can be different datatype | Objects can be different datatype – Key Value pair |  |
| Square bracket[] | Round brackets ( ) | Curly brackets { } | Curly brackets { } |
| Mutable | Immutable | Mutable | Mutable |
| Modifying using index | --------- |  |  |
| Allows duplicate | Allows duplicate | No duplication,  No duplicate Key | No duplication |
| Id=[1,2,3,4]  Emp\_list=[[1,2,3,4],[‘Ram’,’Preethi’],4] | Emp\_details=(‘P001’,’John’,35,40000) | Fuel\_type={“Petrol”:1,”Diesel”:2} | Age={46,52,20} |