Task 8 - Make a table of all the In-built data structures and Point out the differences one by one.

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| --- | --- | --- | --- | --- | --- |
|  | Strings | Lists | Dictionaries | Tuples | Sets |
| 1. Brackets | Enclosed with single or double quotes | Square Brackets | Curly Brackets | Round Brackets | Curly Brackets |
| 2. Data Types | Only String data type | Can store different data types | Can store different data types | Can store different data types | Can store different data types |
| 3. Duplicate Values | Duplicate values are allowed | Duplicate values are allowed | Duplicate values are allowed | Duplicate values are allowed | Duplicate values are not allowed |
| 4. Order | Order is retained | Order is retained | Order doesn’t matter here | Order is retained | Order is not retained |
| 5. Indexing | Indexing is possible | Indexing is possible | Indexing is possible | Indexing is possible | Indexing is not possible |
| 6. Slicing | Slicing is possible | Slicing is possible | Slicing is possible | Slicing is possible | Slicing is not possible |
| 7. Mutable/  Immutable | Immutable | Mutable | Mutable | Immutable | Can add and remove elements but can modify the existing elements. |
| 8. Keys | NA | NA | Keys should be unique. | NA | NA |