Starter – answers

When we say that collections are ordered, it means that the items have a defined order, and that order will not change. If you add new items to a collection, the new items will be placed at the end of the list. If a collection is changeable, it means that we can change, add, and remove items in a list after it has been created.

Python has multiple ways of handling collections of data. Can you match the right name with the right features? Write in the correct name and syntax to create that collection.

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| **Features** | **Type** | **Syntax** |
| Ordered and unchangeable, allows duplicates | Tuple | numbers = (3,2,5,5) |
| Ordered and changeable, allows duplicates | List | numbers = [3,2,5,5] |
| Ordered and changeable, no duplicates | Dictionary | cars = {"brand": "Ford","model": "Mustang","year": 1964} |
| Unordered and unindexed, no duplicates | Set | puddings = {"ice-cream", "sponge and custard", "trifle"} |

List is a collection which is ordered and changeable. Allows duplicate members.

Tuple is a collection which is ordered and unchangeable. Allows duplicate members.

Set is a collection which is unordered and unindexed. No duplicate members.

Dictionary is a collection which is ordered and changeable. No duplicate members.