Starter – questions

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.

|  |  |  |
| --- | --- | --- |
| **Features** | **Type e.g. list** | **Syntax e.g.**  **numbers = [3,2,5,5]** |
| Ordered and unchangeable, allows duplicates |  |  |
| Ordered and changeable, allows duplicates |  |  |
| Ordered and changeable, no duplicates |  |  |
| Unordered and unindexed, no duplicates |  |  |

**Insert the following in the right row in the “Type” column**

Dictionary, Set, List or Tuple

**Insert the correct Syntax for each of the types of collection:**

cars = {"brand": "Ford","model": "Mustang","year": 1964}

puddings = {"ice-cream", "sponge and custard", "trifle"}

numbers = [3,2,5,5]

numbers = (3,2,5,5)