

## Journal Entry 1.2

1. IPython shell uses automatic indentation, it has more styling which makes text clearer, and you can test out small bits of code fast and easy.

2.

Data type	Definition	Scalar or Non-Scalar?
Tuples	They are linear arrays that can store multiple values of any type.	Non-Scalar
Lists	They are another type of ordered sequence, but they are mutable meaning their internal elements can be modified or deleted.	Non-Scalar
Strings	They are an immutable array of characters, including alphanumeric characters and symbols that are surrounded by double or single quotations.	Non-Scalar
Dictionaries	They are an unordered set of items where each item is a key value pair, where each key is unique.	Non-Scalar

3. List and tuples are similar in that they are both a way to store data in Python. The biggest difference between them is that lists can be modified while tuples cannot.

4. For creating this language-learning app I would use dictionaries because of their flexibility and use their of key-value pairs. This would make it easy to access certain words and make it easy to modify the apps features in the future.